Data Portability

Blink Data Portability offers authorized third parties the capability to programmatically import Blink customers' data to an app or website after the customers give authorization through Login With Blink(LWB).

Blink Data Portability allows 3P apps or websites to access and retrieve a customer's Blink data, based on the customer's explicit authorization through Blink Data Portability scopes. The Scopes are defined the type of data the customers are authorizing third parties to access. See Blink Scopes for details.

This document explains how Blink Data Portability works and guides you through these three-high level sections: (1) configure the Blink Data Portability service, (2) authorize your app and/or website, and (3) connect with Blink Data Portability API. You need to complete the steps in each section before your app or website can import customers' data.
Blink Data Portability enables customers to programmatically port to authorized third party apps or websites portions of their Blink data.

Blink Data Portability enables customers to programmatically port to authorized third party apps or websites portions of their Blink data from these countries: Belgium, France, Germany, Ireland, Italy, Netherlands and Spain.

This document assumes that you have an app or website ("Application") ready to add the Login With Blink button. This doesn't cover guidelines on how to build an Application.

Want to know how Blink Data Portability works? Proceed to Blink Data Portability workflow.

Blink Data Portability workflow

From your Application, Blink customers will use the **Login with Blink** button. Blink displays the *Sign in* page where customers sign in using their Blink credentials. The *Sign in* operation is paired with Transaction Intent Verification to verify Blink customer's credentials. If customers sign in, Blink displays the Authorization page with Blink Data Scope.
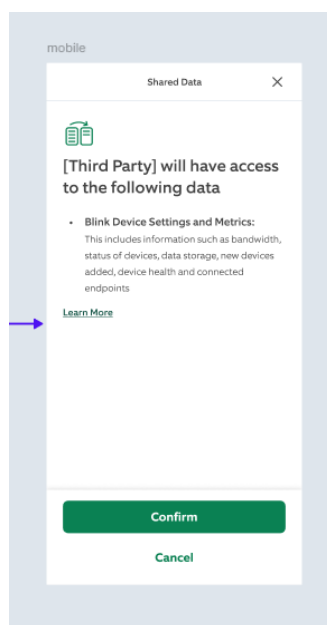
Sample Blink Authorization page

On the Authorization page, customers select **Confirm** or **Cancel**. If the customer selects **Cancel**, the workflow ends. Your Application won't have the capability to import that customer's data. If the customer selects **Confirm**, Blink displays the *User Sharing Preferences* page.

Blink Data Portability scope can be requested by your Application, which means that a customer can review and consent the information they will be sharing.

On the *User Sharing Preferences* page, Blink provides option for the customers to set their preferences, acknowledge the authorization, and select the **Cancel** or **Authorize** button. If the customer selects the **Authorize** button, it activates the Blink Data Portability in your Application, providing authorization to import that customer's data. If the customer selects **Cancel**, your Application won't be authorized to import that customer's data.

Once the customer selects **Authorize**, you will use the Login with Blink to get the customer's authorization (OAuth2) code. You will use the OAuth code to get access and refresh tokens, which you will need to call the Blink Data Portability API and import the customer's data in your Application.

🚧 Importing user data in your Application is asynchronous. Please ensure your Application has an HTTPS endpoint.

Want to learn how Blink provides option for the customers to select what data to consent to?
Proceed to User Transfer Preferences.

USER TRANSFER PREFERENCES

Data that are ported to your Application depends on the preferences set by the customer in the *User Transfer Preferences* page.

User Transfer Preferences page

How much data to transfer?
Customers select how much data your Application can import by selecting a past date. The drop-down list offers these options: Last 5 days, Last 30 days, Last 60 days, Last one year and Since date xx/xx/xxxx.

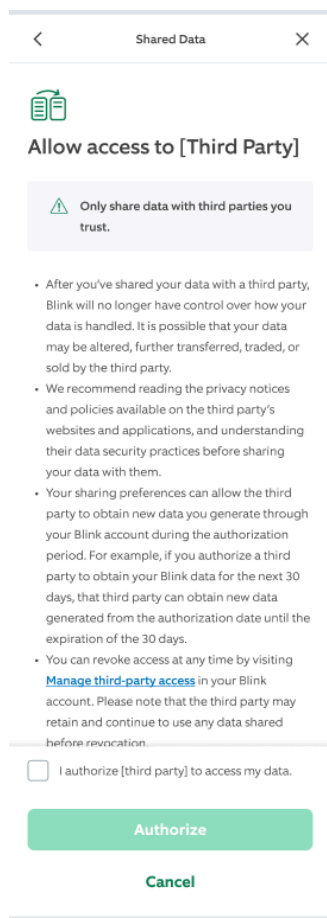**For how long do you authorize the transfer?**

Customers select how long your Application can import data by selecting a future date. The drop-down list offers these options: One time transfer, For the next 30 days, For the next 90 days, For the next 180 days, and For the next 1 year. Once the selected period expires, your Application will be unable to import customers data unless the customer provides a new authorization.

🚧 Authorization ends when customers revoke access or tokens expire. Customers receive an email about authorization changes and expirations.

Developer data handling practices

Developer data handling practices

Customers are informed about your privacy practices about handling their EU data. This information was provided by you when you first contacted Blink to onboard with Blink Data Portability API.

I authorize the third party to receive my EU data

Customers mark the checkbox to authorize your Application to import their Blink data. After the customers select the **Authorize** button, your Application will have the capability to import customers' data. If the Blink customers exit from this page or select **Cancel**, your Application won't have the capability to import customers' data.

🚧 To import customers' data, you will need to complete the steps in the Configure Blink Data Portability service, Authorize your app to connect with Blink Data Portability API, and Connect your app with Blink Data Portability API.

Steps to Onboard with Blink

Step 1: Send an email to blink-data-portability-ipv@amazon.com with the below details to begin the onboarding process:

        Email address

        Company Name,

        Company Address,

        Name of the Business Owner or Legal Representative

        Please attach the Business license to the email

Step 2: Respond to emails/queries/meeting invites from the Blink/Amazon teams to help kickstart the onboarding process.

Step 3: A questionnaire will be shared after validating the above details. Fill the details and share it for further validation.

Step 4: Respond to emails/queries during the Third Party Security Assessment until its successful completion.

Step 6: Send an email to blink-data-portability@amazon.com to request credentials, and share the TPSA(Third party Security Assessment) ID for reference.

Step 5: Enable the customer experience (CX) in the 3P website and app.

Email address agreed -

- blink-data-portability-intake@amazon.com – This email will be the initial contact point where 3Ps can submit their requests to begin the assessment process. (IPV Queue)

- blink-data-portability-access-and-support@amazon.com- After the assessment is complete, 3Ps can use this email address to request access credentials.

Authorize your application to connect to Blink Data Portability for EU DA

AUTHORIZATION FLOW

Initiating the authorization Flow

After onboarding, you will receive a `client_id` and `client_secret`, which are used for subsequent OAuth 2.0 API interactions.

To initiate the authorization flow, direct users to the appropriate authorization endpoint:

- For Blink: GET `https://api.oauth.blink.com/v2/authorize`

This endpoint must be called with an HTTP GET request, with all required parameters provided as **form-encoded query parameters**. These include:

- response_type: Designates the expected response to the callback is an authorization code; use "code"

- `client_id`: Provided during onboarding

- `redirect_uri`: The URI to redirect the user after authorization; must match a registered URI from onboarding

- scope: The access scope; use `"data-portability"`

- `code_challenge`: The PKCE code challenge (derived from your code verifier)

- `code_challenge_method`: encryption method used for the code challenge. IE: S256 / plain

- state: An opaque value the client provides to help protect against CSRF. We return it unchanged; it's up to the client to

generate and validate it.

Example Request:

```
GET https://oauth.blink.com/v2/authorize?
    redirect_uri=<your_redirect_uri>&
    client_id=<your_client_id>&
    response_type=code&
    scope=data-portability&
    code_challenge=<your_code_challenge>&
    code_challenge_method=S256&
    state=<random_state>
```

When this request is made, the user will be guided through the Blink login experience. Once complete, the user will be redirected to the specified `redirect_uri` with two key query parameters appended:

- `code`: The **authorization code**, used to request tokens
- `state`: The same value you originally sent; verify this to ensure request integrity

In the case of any errors that occurs, or if the user cancels the authorization flow during the Blink login experience, the user will be redirected back to the provided **redirect_uri** with the following parameters:

```
https://<your_redirect_url>?error=<error_message>&error_description=<error_description
```

An example of when a user cancels the experience will look like the following:

```
?error=access_denied&error_description=The+resource+owner+or+authorization+server+deni
```

Exchanging Authorization Code for Tokens

To exchange the authorization code for an access token and refresh token, make the following POST request to the token endpoint:

```
POST https://api.oauth.blink.com
Content-Type: application/x-www-form-urlencoded
```

Required form parameters:

- `grant_type`: "authorization_code"
- `client_id`: Your client ID
- `client_secret`: Your client secret
- `code`: The authorization code received from the redirect
- `redirect_uri`: Must match the original redirect URI
- `code_verifier`: The original PKCE string that must correspond to the `code_challenge`, based on the specified code_challenge_method (e.g., plain or S256).
- `scope`: "data-portability"

Example Response

```
{
  "access_token": "<your_access_token>",
  "expires_in": int,
  "refresh_token": "<your_refresh_token>",
  "scope": "data-portability",
  "token_type": "Bearer"
}
```

OBTAINING NEW ACCESS TOKENS WITH REFRESH TOKENS

To obtain a new access token using a refresh token, send a `POST` request to
`https://oauth.blink.com/oauth/token` with `Content-Type: application/x-www-form-urlencoded`.
This request uses the `refresh_token` grant type and should include the following required parameters:

- `grant_type`: `"refresh_token"`
- `refresh_token`: the refresh token you previously received
- `client_id`: your client ID
- `client_secret`: your client secret
- `scope` (optional): defaults to the originally requested scopes, (e.g., `"data-portability"`).

If successful, the response will include a new `access_token` and a new `refresh_token`. Store the new refresh token if
one is returned, as it will replace the old one for future use.

```
Example:
POST https://oauth.blink.com/oauth/token HTTP/1.1
Content-Type: application/x-www-form-urlencoded

grant_type=refresh_token&
refresh_token=<your_refresh_token>&
client_id=<your_client_id>&
client_secret=<your_client_secret>
```

Connect with the Data Portability APIs

Amazon Data Portability lets you import customer data to your Application provided the customers give authorization.

VERSION INFORMATION

- Version: 2024-02-29

LICENSE INFORMATION

- License: Amazon Software License
- License URL: https://aws.amazon.com/asl/

CONSUMES

`APPLICATION/JSON`

PRODUCES

`APPLICATION/JSON`

ENDPOINTS

intake.eu-west-1.portability.data.blink.com	Europe (Dublin)
intake.us-east-1.portability.data.blink.com	US East (N. Virginia)
intake.us-west-2.portability.data.blink.com	US West (Oregon)

🟦 You have an option to switch anytime between regions because all responses will be synced.

EXTERNAL DOCS

- Description : Learn more about Amazon.
- URL : https://developer.amazon.com

OPERATIONS

`CREATEDATAQUERY`

`listDataQueryRecords`
🟦 Responses for all operations have a five minute, time-to-live (TTL) based on the authorization check. During the five-minute period, the API will return the same response for the same parameters.

PATHS

Create Data Query

`POST /{scopeId}/data-queries`

Operation:
createDataQuery
Description:
Use the `createDataQuery` operation to start requesting authorized customer data. The request will start in the Amazon Data Portability API, an async task that will start the request to gather data, and at the same time, will return the `queryId` that identifies the request from the async task.
To ensure fair usage and system stability, the Create Data Query operation has the following rate limits:
Standard base rate: 5 requests per second
Burst limits: Up to 5 concurrent requests per second
Overall limit: No more than 20 requests within a 20-minute interval
Requests exceeding these limits will be throttled with a 429 HTTP status code.
Parameters:

Path	scopeId *required*	`scopeId` to use when calling the Amazon Data Portability API.	string
Header	authorization *required*	The access token to use when calling the Amazon Data Portability API.	string

Only one request for customer and `scopeId` can be computed at a time. If there's a request in progress and in a non-terminal state (not `COMPLETED` or `CANCELED`), the API will return a CONFLICT error.
Responses:

	HTTP Code	Description	Schema
1	201	The query call is successful.	CreateDataQueryOutput
2	400	The service was unable to process your request. Reasons for the error are described in an error response object.	ErrorResponse

For additional error status codes, descriptions and schemas, see Error responses and schemas.

Amazon Data Portability API returns forbidden or invalid token errors if (1) authorization expired, (2) the customer revoked the authorization, or (3) the account is on hold.

List Data Query Records

GET /{scopeId}/data-queries/{queryId}/records

Operation:
listDataQueryRecords

Description:
Use the `listDataQueryRecords` operation to view all customer data and port it in your Application. Use this operation for queries that have been marked with `COMPLETED` status. For queries that have a different status, the API will return an error. List Data Query Records will return results for a query after the notification response has been sent. Each file and schema link will be available for five minutes from the time the response was sent, and you can perform the same list operation for the same query for at most 1 hour after the response notification has been sent. All schemas and responses from a List Data Query Record, after download, will be at 2GB max.

To ensure fair usage and system stability, the List Data Query operation has the following rate limits:

Standard base rate: 10 requests per second

Burst limits: Up to 5 concurrent requests per second

Daily quota: 100,000 requests

Requests exceeding these limits will be throttled and receive a 429 HTTP status code.

Parameters

Path	scopeId required	`scopeId` to use when calling the Amazon Data Portability API.	string	-	data-portability
Path	queryId required	The `queryId` that was completed and to use when calling the API.	UUID	-	a1111111-b222-c333-d444-e55555555555
Query	maxResults optional	The maximum number of records to be returned in the response of the API call. Value is between 1 and 250.	integer	250	200
Query	nextPageToken optional	A page token returned in the response to your previous request. The `nextPageToken` is returned when the number of results exceed the page size. To get the next page of results, include `nextPageToken` as parameter. When no `nextPageToken` value is returned, there are no more records to return.	string	empty	StringWithNextPageTokenValue123---==
Header	authorization required	The access token to use when calling the Amazon Data Portability API.	string	-	Bearer Bacd|IgEBIJBAxValidAccessToken

Responses

200	Product successfully retrieved.	ListDataQueryRecordsOutput
400	The service was unable to process your request. Reasons for the error are described in an error response object.	ErrorResponse

For additional error status codes, descriptions and schemas, see Error responses and schemas.

Amazon Data Portability API returns forbidden or invalid token errors if (1) authorization expired, (2) the customer revoked the authorization, or (3) the account is on hold.

RESPONSE NOTIFICATION

DESCRIPTION:

Once the create data query has reached its final state, Amazon Data Portability API sends a notification response, through a POST method, on your HTTPS endpoint. The API sends the response to the same region you sent the create request. The notification file size is at 1KB max. You can perform List Data Query Records operations for the same query for at most 1 hour after the response notification has been sent.

Amazon Data Portability API includes the notification version number in the response. Consider including the version number at the end of the HTTP path. For example, if your HTTPS endpoint is `https://myapp/notifications`, use `https://myapp/notifications/v1` for version 1.

Available supported versions: 1.0

Latest supported version: 1.0

🟦 You have an option to change the HTTPS endpoints by submitting a case through a Contact Us in Developer Portal. In the category section, select **"Amazon Data Portability"**. In the topic section, select **"Allowlisting & Integration Updates"**. Provide the details related to your new HTTPS endpoints.

Responses:

The notification has the HTTP/HTTPS notification JSON format.

	Entry	Description	Schema
1	Subject	The subject of the notification sent on the HTTPS endpoint.	ResponseNotificationSubject
2	Message	Details the specific notification that was sent after the customer data has been collected.	ResponseNotificationMessage

🟦 The Application is automatically subscribed to the notification version number available during Application submission. After Application submission, and if a new notification version becomes available, you have an option to request for the new version. To opt-in to a new version, go to Contact Us in the Developer Portal. In the Category section, select **"Amazon Data Portability"**. In the Topic section, select **"Allowlisting & Integration Updates"**. Provide details related to your HTTPS endpoints.

ERROR RESPONSES AND SCHEMAS

The Application must handle any standard HTTP response code that could result from a web service call. All APIs return an HTTP response code of 200 or 201 if the call was successfully received and processed. Any errors that occurred during processing are detailed in the response with corresponding status code.

	HTTP Code	Category, Type & Message	Details	Schema
1	400 Bad Request	Category: BAD_REQUEST Type: INVALID_PARAMETERS Message: Parameters provided for this request are invalid	Security profile id or customer id from your access token, or the scope id from path parameters may be invalid for the List Data Query Records request. Verify that the query was created for the scope id you've provided as path parameter. Verify that the access token is generated using the right customer's authorization code and your valid security profile credentials.	ErrorResponse
2	400 Bad Request	Category: BAD_REQUEST Type: INVALID_MAX_RESULTS Message: Max results value is outside limits	The request query parameter for `maxResults` has an invalid value. Verify that you're using a `maxResults` value within defined limits.	ErrorResponse
3	400 Bad Request	Category: BAD_REQUEST Type: INVALID_NEXT_PAGE Message: Invalid next page token	The request query parameter for `nextPageToken` isn't valid. Verify that the token is correctly set, or remove it entirely to retrieve the first page again.	ErrorResponse
4	403 Forbidden	Category: FORBIDDEN Type: ACCESS_DENIED Message: App is not authorized to do this operation	Access token doesn't include required permissions for this operation, or is expired. Using the right customer's authorization code and your valid security profile credentials, verify that the access token is generated for the required scope id. If the customer didn't provide consent for the scope id, your Application can't request their data. If token is expired, generate a new valid token.	ErrorResponse
5	403 Forbidden	Category: FORBIDDEN Type: MISSING_ACCESS_TOKEN Message: Access token not provided in request	Access token hasn't been provided in the authorization header, is null, or empty. Add a valid access token in the authorization request header.	ErrorResponse
6	403 Forbidden	Category: FORBIDDEN Type: APP_NOT_ALLOWLISTED Message: App is not allowlisted	Your Application doesn't have permission to do this operation. Verify that your Data Portability allowlisting process is completed.	ErrorResponse
7	403 Forbidden	Category: FORBIDDEN Type: SCOPE_NOT_ENABLED Message: Scope not enabled for app	Scope isn't enabled for usage by your Application. Verify that your Data Portability allowlisting process is complete. If the error persists, sign in to your Amazon Developer account. Go to Contact Us. In the Category section, select **"Amazon Data Portability"**. In the Topic section, select **"Technical Issues"**.	ErrorResponse
8	403 Forbidden	Category: FORBIDDEN Type: QUERY_NOT_COMPLETED Message: Query is not completed	Query isn't complete. You can't perform List Data Query Records operation on a query that is in progress or canceled. Wait for the query to reach a final state, by monitoring the response notifications, before retrying your API request. If the query is canceled, your Application can't access the data.	ErrorResponse

9	403 Forbidden	Category: FORBIDDEN Type: ACCESS_TIME_ELAPSED Message: Access time for this query has elapsed	The period of time for requesting the data of this query has elapsed. Create a new query.	ErrorResponse
10	403 Forbidden	Category: FORBIDDEN Type: APP_IDENTIFICATION_FAILURE Message: Failed to identify the app	Your Application couldn't be identified. Verify that your Data Portability allowlisting process is completed, then retry your request. If the error persists, sign in to your Amazon Developer account. Go to Contact Us. In the Category section, select **"Amazon Data Portability"**. In the Topic section, select **"Technical Issues"**.	ErrorResponse
11	403 Forbidden	Category: FORBIDDEN Type: MISSING_AUTHORIZATION_HEADER Message: Authorization header is missing or empty	Authorization header is missing from your request, or is empty. Verify that your requests has a valid access token in authorization header.	ErrorResponse
12	403 Forbidden	Category: FORBIDDEN Type: BLOCKED_REQUEST Message: Request blocked for security reasons	Your request was blocked by security scanners. Retry the request. If the error persists, sign in to your Amazon Developer account. Go to Contact Us. In the Category section, select **"Amazon Data Portability"**. In the Topic section, select **"Technical Issues"**.	ErrorResponse
13	404 Not Found	Category: RESOURCE_NOT_FOUND Type: SECURITY_PROFILE_NOT_FOUND Message: Security profile id does not exist	The security profile from access token couldn't be found. Verify that the access token is generated using valid credentials of your security profile created at onboarding.	ErrorResponse
14	404 Not Found	Category: RESOURCE_NOT_FOUND Type: QUERY_ID_NOT_FOUND Message: Query id does not exist	Query id provided as parameter couldn't be found. Verify that the query id corresponds with the one returned by Create Data Query API.	ErrorResponse

15	404 Not Found	Category: RESOURCE_NOT_FOUN D Type: SCOPE_ID_NOT_FOUND Message: Scope id does not exist	Scope id provided as parameter couldn't be found. Review the Amazon Data Portability Scopes list and verify that the provided scope id is valid.	ErrorResponse
16	404 Not Found	Category: RESOURCE_NOT_FOUN D Type: RESOURCE_NOT_FOUN D Message: Invalid URI or unsupported method	Your request's URI is invalid or the REST method doesn't exist for this path. Review Data Portability API References verify that you're calling the right URI, and using the right REST method.	ErrorResponse
17	409 Conflict	Category: CONFLICT Type: REQUEST_CONFLICT Message: There is a conflicting request in progress	There is a conflicting request in progress for the same access token scope id and customer id. Validate that the request has the intended scope id and customer id. If not, adjust request as needed. Otherwise, wait for the existing request to reach a final state by monitoring the response notifications.	ErrorResponse
18	413 Content Too Large	Category: CONTENT_TOO_LARGE Type: REQUEST_TOO_LARGE Message: Payload size limit exceeded	Your request payload size exceeds the maximum value. Review Data Portability API References and verify that you provide only the required parameters with valid values.	ErrorResponse
19	429 Too Many Requests	Category: TOO_MANY_REQUESTS Type: TOO_MANY_REQUESTS Message: Requests rate limit exceeded	The request is throttled due to multiple requests in a given amount of time. Retry your request.	ErrorResponse
20	429 Too Many Requests	Category: TOO_MANY_REQUESTS Type: QUOTA_EXCEEDED Message: Daily quota exceeded	Your Application's daily quota for this scope was exceeded for this API. Review your requests' strategy and align it with the Amazon Data Portability API limits.	ErrorResponse
21	429 Too Many Requests	Category: THROTTLED Type: TOO_MANY_REQUESTS Message: Requests rate limit exceeded	Your Application's rate limits for this scope was exceeded for this API. Review your requests' strategy and align it with the Amazon Data Portability API limits.	ErrorResponse

22	500 Internal Server Error	Category: INTERNAL_SERVER_ERR OR Type: MISSING_PARAMETER Message: Required parameter not provided in request	One of the mandatory parameters from the API operation is missing. Review API parameters, update your request, and retry your request. If the error persists, sign in to your Amazon Developer account. Go to Contact Us. In the Category section, select **"Amazon Data Portability"**. In the Topic section, select **"Technical Issues"**.	ErrorResponse
23	500 Internal Server Error	Category: INTERNAL_SERVER_ERR OR Type: INTERNAL_SERVER_ERR OR Message: Unexpected internal server exception	An unexpected exception was encountered. Retry your request. If the error persists, sign in to your Amazon Developer account. Go to Contact Us. In the Category section, select **"Amazon Data Portability"**. In the Topic section, select **"Technical Issues"**.	ErrorResponse
24	500 Internal Server Error	Category: INTERNAL_SERVER_ERR OR Type: BLANK_SECURITY_PROF ILE_ID Message: Security profile id is missing, empty or contains only whitespaces	The security profile id provided through access token is missing, empty, or contains only whitespaces. Verify that the access token is generated using the security profile credentials of your Application, then retry your request. If the error persists, sign in to your Amazon Developer account. Go to Contact Us. In the Category section, select **"Amazon Data Portability"**. In the Topic section, select **"Technical Issues"**.	ErrorResponse
25	500 Internal Server Error	Category: INTERNAL_SERVER_ERR OR Type: INVALID_API_PATH Message: Invalid API path	The provided API path isn't valid. Review Data Portability API References and verify that you use the right API path, then retry your request. If the error persists, sign in to your Amazon Developer account. Go to Contact Us. In the Category section, select **"Amazon Data Portability"**. In the Topic section, select **"Technical Issues"**.	ErrorResponse
26	500 Internal Server Error	Category: INTERNAL_SERVER_ERR OR Type: BLANK_SCOPE_ID Message: Scope id is missing, empty or contains only whitespaces	The `scopeId` path parameter from the request is missing, empty, or contains only whitespaces. Verify that path of the request includes a valid scope id, then retry your request. If the error persists, sign in to your Amazon Developer account. Go to Contact Us. In the Category section, select **"Amazon Data Portability"**. In the Topic section, select **"Technical Issues"**.	ErrorResponse
27	500 Internal Server Error	Category: INTERNAL_SERVER_ERR OR Type: BLANK_CUSTOMER_ID Message: Customer id missing, empty or contains only whitespaces	The Amazon customer id provided through access token is missing, empty, or contains only whitespaces. Verify that the access token is generated using the code returned in customer's authorization request, then retry your request. If the error persists, sign in to your Amazon Developer account. Go to Contact Us. In the Category section, select **"Amazon Data Portability"**. In the Topic section, select **"Technical Issues"**.	ErrorResponse

28	500 Internal Server Error	Category: INTERNAL_SERVER_ERROR Type: BLANK_QUERY_ID Message: Query id is missing, empty or contains only whitespaces	`queryId` path parameter is missing, empty or contains only whitespaces. Verify that you provide a query id in API path, then retry your request. If the error persists, sign in to your Amazon Developer account. Go to Contact Us. In the Category section, select **"Amazon Data Portability"**. In the Topic section, select **"Technical Issues"**.	ErrorResponse
29	500 Internal Server Error	Category: INTERNAL_SERVER_ERROR Type: API_CONFIGURATION_ERROR Message: Failed to connect to server	Encountered an internal API configuration error. Retry the request. If the error persists, sign in to your Amazon Developer account. Go to Contact Us. In the Category section, select **"Amazon Data Portability"**. In the Topic section, select **"Technical Issues"**.	ErrorResponse
30	500 Internal Server Error	Category: INTERNAL_SERVER_ERROR Type: AUTHORIZATION_CONFIGURATION_ERROR Message: Failed to authenticate the app	Failed to connect to authorizer. Retry the request. If the error persists, sign in to your Amazon Developer account. Go to Contact Us. In the Category section, select **"Amazon Data Portability"**. In the Topic section, select **"Technical Issues"**.	ErrorResponse
31	500 Internal Server Error	Category: INTERNAL_SERVER_ERROR Type: AUTHORIZATION_FAILURE Message: Failed to authenticate the app	Encountered error during Application authentication. Retry the request and ensure the authentication token is valid. If the error persists, sign in to your Amazon Developer account. Go to Contact Us. In the Category section, select **"Amazon Data Portability"**. In the Topic section, select **"Technical Issues"**.	ErrorResponse
32	500 Internal Server Error	Category: INTERNAL_SERVER_ERROR Type: INTEGRATION_FAILURE Message: Failed to connect to server	Encountered an internal server error. Retry the request. If the error persists, sign in to your Amazon Developer account. Go to Contact Us. In the Category section, select **"Amazon Data Portability"**. In the Topic section, select **"Technical Issues"**.	ErrorResponse
33	504 Gateway Timeout	Category: GATEWAY_TIMEOUT Type: INTEGRATION_TIMEOUT Message: Request timed out	Your request timed out. Retry the request. If the error persists, sign in to your Amazon Developer account. Go to Contact Us. In the Category section, select **"Amazon Data Portability"**. In the Topic section, select **"Technical Issues"**.	ErrorResponse

These are all known errors that can be returned. If you encounter an error not present in the table, start by retrying the error. If the error persists, sign in to your Amazon Developer account. Go to Contact Us. In the Category section, select **"Amazon Data Portability"**. In the Topic section, select **"Technical Issues"**.

Retrying errors:

By default, the API has no retry configuration added. If you received a response with 429, 500, or 504 HTTP status code, make a retry request. If you want to retry multiple times, we recommend that you implement an exponential backoff approach up to a defined limit, and then log the error and proceed with a manual follow-up and investigation. For example, time your retries in this time intervals: 1s, 2s, 4s, 10s, and 30s. The actual backoff times and limit depends on your business processes.

DEFINITIONS

CreateDataQueryOutput

The result of a create data query request.

	Name	Description	Schema
1	id *required*	The `queryId` of the result specific to a customer and scope.	UUID

DataQueryRecord

A collection of data that indicates an entry with data for a customer query.

	Name	Description	Schema
1	schema *required*	The S3 Presigned URLs to schema file that is available for download.	string
2	file *required*	The S3 Presigned URLs to data file that is available for download.	string

DataQueryStatus

A value that indicates the final status of the Create Query request.
Type: enum

	Value	Description
1	COMPLETED	Indicates that the query data has been successfully collected, and you can proceed to list records.
2	CANCELED	Indicates that the query data results aren't complete due to missing requirements. Possible causes: (1) The customer authorization has expired, (2) The customer has manually revoked the authorization, or (3) The customer account is on hold.

ErrorResponse

Format for an error response.

	Name	Description	Schema
1	category *required*	The category of an error.	string
2	type *required*	The type of an error.	string
3	message *required*	A message that describes the error condition.	string

ListDataQueryRecordsOutput

The result of a create list query records.

	Name	Description	Schema
1	records *required*	The records that matched the queryId.	<DataQueryRecord> array

RESPONSENOTIFICATIONSUBJECT

The subject of the notification response with the version number appended at the end. Fixed value.

Type: String
Value: `Data Portability Notification 1.0`

RESPONSENOTIFICATIONMESSAGE

The message body of the notification response.
Type: String (JSON converted to String)
Structure specific for **version 1.0**:

	Name	Description	Schema
1	id *required*	The queryId for which the notification has been sent.	string
2	version *required*	Indicates the version Id for the response notification.	string
3	status *required*	Indicates the status of the data query.	DataQueryStatus

Available scopes

(in format - https://developer.amazon.com/docs/amazon-data-portability/intro-workflow.html)

Blink Network Schema :

	A	B	C	D
1		**Schema Field Name**	**Schema Field Description**	**Example**
2	Schema Fields	createdAt	Timestamp of record creation.	2021-09-29T11:04:43.305Z
3	Schema Fields	updatedAt	Timestamp of last record update.	2021-09-29T11:04:43.305Z
4	Schema Fields	name	Displayed network (system) name.	My Network
5	Schema Fields	armed	Network armed or not.	TRUE

Blink Network Schema sample json:

```
[
  {
    "createdAt": "2025-07-31T13:27:41Z",
    "updatedAt": "2025-07-31T13:27:41Z",
    "name": "My Network",
    "armed": true
  },
```

Blink Program schema:

	A	B	C	D	E
1			**Schema Field Name**	**Schema Field Description**	**Example**
2	Name of the program schedule.	Schema Fields	createdAt	Timestamp of record creation.	2021-09-29T11:04:43.305Z
3	Name of the program schedule.	Schema Fields	updatedAt	Timestamp of last record update.	2021-09-29T11:04:43.305Z
4	Name of the program schedule.	Schema Fields	name	Name of the program schedule.	My Schedule
5	Name of the program schedule.	Schema Fields	data	Schedule definition.	{"name":"Schedule for HOME","format":"v1","schedule": [{"dow": ["sun","mon","tue","wed","thu","fri","sat"], "devices":[],"time":"2025-04-30 21:45:00 +0000","action":"arm"}]}
6	Name of the program schedule.	Schema Fields	data.name	Name of the schedule.	My Program
7	Name of the program schedule.	Schema Fields	data.format	Version of the schedule.	v1
8	Name of the program schedule.	Schema Fields	data.schedule[]	Definition of the schedule.	[]
9	Name of the program schedule.	Schema Fields	data.schedule[].action	Action to take for this schedule.	arm
10	Name of the program schedule.	Schema Fields	data.schedule[].dow	Days of the week to execute the schedule.	["sun", "mon"]
11	Name of the program schedule.	Schema Fields	data.schedule[].runTimeDate	Time of the day to execute the schedule.	2025-06-12T04:00:00Z
12	Name of the program schedule.	Schema Fields	status	Status of the program schedule.	active
13	Name of the program schedule.	Schema Fields	networkName	Associated network (system).	My Network

Blink Program schema JSON:

```
[
  {
    "createdAt": "2025-07-31T13:27:41Z",
    "updatedAt": "2025-07-31T13:27:41Z",
    "name": "My Program",
    "data": {
      "name": "Schedule for Home",
      "format": "v1",
      "schedule": [
        {
          "action": "arm",
          "dow": [
            "sun",
            "mon",
            "tue",
            "wed",
            "thu",
            "fri",
            "sat"
          ],
          "runTimeDate": "2025-06-12T04:00:00Z"
        }
      ]
    },
    "status": "active",
    "networkName": "My Network"
  },
```

Blink ScheduleAction.schema.

	Schema Field Name	Schema Field Description	[3] Schema Fields
			Example
Schema Fields	createdAt	Timestamp of record creation.	2021-09-29T11:04:43.305Z
Schema Fields	updatedAt	Timestamp of last record update.	2021-09-29T11:04:43.305Z
Schema Fields	executeTime	Time to execute the action.	"23:30"
Schema Fields	executeDayOfWeek	Day to execute the action.	mon
Schema Fields	action	Action to execute.	arm
Schema Fields	status	Status of this action.	active
Schema Fields	programName	Name of the scheduled action configuration.	My Program
Schema Fields	networkName	Associated network (system).	My Network

```
[
  {
    "createdAt": "2025-07-31T13:27:41Z",
    "updatedAt": "2025-07-31T13:27:41Z",
    "executeTime": "23:00",
    "executeDayOfWeek": "mon",
    "action": "arm",
    "status": "active",
    "programName": "My Program",
    "networkName": "My Network"
  },
  {
    "createdAt": "2025-07-31T13:27:40Z",
    "updatedAt": "2025-07-31T13:27:40Z",
    "executeTime": "23:00",
    "executeDayOfWeek": "mon",
    "action": "arm",
    "status": "active",
    "programName": "My Program",
    "networkName": "My Network"
  }
]
```

Blink Media.schema

	Schema Field Name	Schema Field Description	Example
Schema Fields	eventDate	Timestamp of record creation.	2021-09-29T11:04:43.305Z
Schema Fields	updatedAt	Timestamp of last record update.	2021-09-29T11:04:43.305Z
Schema Fields	deletedAt	Timestamp of record deletion.	2021-09-29T11:04:43.305Z
Schema Fields	mediaId	Media record ID.	12345
Schema Fields	type	Type of media.	video
Schema Fields	triggeredBy	Originating source/operation that media came from.	liveview
Schema Fields	deviceName	Name of device at time of media creation.	My Camera
Schema Fields	networkName	Name of network at time of media creation.	My Network
Schema Fields	deviceSerialNumberMasked	Device serial number.	************02J6
Schema Fields	lengthSeconds	Length on the media in seconds.	5
Schema Fields	size	Size of media in bytes.	544824
Schema Fields	viewed	Timestamp for when the media was viewed.	2021-09-29T11:04:43.305Z
Schema Fields	watched	Whether media has been watched.	TRUE
Schema Fields	downloadCount	Count of how many times media has been downloaded.	6

```
{
    "mediaId": 1,
    "eventDate": "2025-07-31T13:27:41Z",
    "updatedAt": "2025-07-31T13:27:41Z",
    "deletedAt": "2025-07-31T13:27:41Z",
    "type": "video",
    "triggeredBy": "liveview",
    "deviceName": "My Camera",
    "networkName": "My Network",
    "deviceSerialNumberMasked": "************02J6",
    "lengthSeconds": 6,
    "size": 544824,
    "viewed": "2025-07-31T13:27:41Z",
    "watched": true,
    "downloadCount": 6
}
```

Blink MediaInfo.schema.

		[5] Schema Fields		
		Schema Field Name	Schema Field Description	Example
blink-cloud-service	Schema Fields	eventDate	Timestamp of record creation.	2021-09-29T11:04:43.305Z
blink-cloud-service	Schema Fields	updatedAt	Timestamp of last record update.	2021-09-29T11:04:43.305Z
blink-cloud-service	Schema Fields	mediaId	Media record ID.	12345
blink-cloud-service	Schema Fields	audioCapabilities	Audio capabilities of device that generated associated media.	oneway
blink-cloud-service	Schema Fields	terminationReason	Reason for clip termination.	normal
blink-cloud-service	Schema Fields	deviceLengthSettingSeconds	Video length/duration configuration of device when media was created.	10
blink-cloud-service	Schema Fields	uploadTimeMs	Upload time for associated media.	12
blink-cloud-service	Schema Fields	planType	Associated Plan Type (of device/ account) when media was created.	paid
blink-cloud-service	Schema Fields	planSubtype	Associated Plan Subtype (of device/ account) when media was created.	plus
blink-cloud-service	Schema Fields	deletedByClient	Associated Client that deleted associated media.	My Client Name

```
[
  {
    "mediaId": 1,
    "eventDate": "2025-07-31T13:27:41Z",
    "updatedAt": "2025-07-31T13:27:41Z",
    "audioCapabilities": "oneway",
    "terminationReason": "normal",
    "deviceLengthSettingSeconds": 0,
    "uploadTimeMs": 0,
    "planType": "paid",
    "planSubtype": "plus",
    "deletedByClient": "My Client"
  },
```

Blink MediaHistory.schema

	A	B	C
1	**Schema Field Name**	**Schema Field Description**	**Example**
2	eventDate	Timestamp of when media was recorded.	2021-09-29T11:04:43.305Z
3	deviceSerialNumberMasked	Device serial number.	************02J6
4	length	Length of media in seconds.	5
5	size	Media size in bytes.	5000
6	uploadTime	Upload time in ms.	5000
7	deletedByClient	Client that deleted the clip (0 if auto deleted).	My Client
8	fwVersion	Firmware version at recording time.	8.57

```
[
  {
    "eventDate": "2025-05-19T19:45:44Z",
    "deviceSerialNumberMasked": "************02J7",
    "length": 5,
    "size": 50000,
    "uploadTime": 50000,
    "deletedByClient": "My Network",
    "fwVersion": "8.57"
  },
```

Blink Command.schema

	A	B	C
1	**Schema Field Name**	**Schema Field Description**	**Example**
2	eventDate	Timestamp of record creation.	2021-09-29T11:04:43.305Z
3	updatedAt	Timestamp of last record update.	2021-09-29T11:04:43.305Z
4	command	Type of command issued.	arm
5	stateStage	Stage that command is currently in.	rest
6	stateCondition	The condition that the command is in.	done
7	totalDurationSeconds	Duration command took to complete.	15
8	byWhom	Identifier of client that initiated the command.	Ctdis iPad (2) - 6.14.0 (2206201618) #e648b4a6e-mod - liveview
9	deviceType	Target (device) this command is associated with (if this is defined, deviceName is defined and cameraName is not).	Mini
10	deviceName	Name of the device the command executed on (if this is defined, deviceType is defined and cameraName is not).	My Camera
11	cameraName	Name of the camera the device executed on (if this is defined, deviceType and deviceName are not).	My Camera
12	networkName	Associated network (system).	My Network

```
[
  {
    "eventDate": "2025-07-31T13:27:41Z",
    "updatedAt": "2025-07-31T13:27:41Z",
    "command": "thumbnail",
    "stateStage": "rest",
    "stateCondition": "done",
    "totalDurationSeconds": 4,
    "byWhom": "Ctdis iPad (2) - 6.14.0 (2206201618) #e648b4a6e-mod - liveview",
    "deviceType": "Mini",
    "deviceName": "My Device",
    "cameraName": "My Camera",
    "networkName": "My Network"
  },
```

Blink Camera.schema.

	A	B	C
1	**Schema Field Name**	**Schema Field Description**	**Example**
2	createdAt	Timestamp of record creation.	2021-09-29T11:04:43.305Z
3	updatedAt	Timestamp of last record update.	2021-09-29T11:04:43.305Z
4	fwVersion	Current firmware version.	10.6
5	deviceSerialNumberMasked	Device serial number.	************02J6
6	macAddress	MAC(network) address of camera.	f4:6d:03:d8:00:e7
7	thumbnail	Thumbnail identifier for camera.	1639713338
8	name	Customer provided friendly name for camera.	My Camera
9	onboarded	Flag to indicate whether onboarding has been successfully completed.	TRUE
10	enabled	Whether motion detection is enabled on camera.	TRUE
11	armed	Whether is armed for activity (per network).	TRUE
12	motionSensitivity	Sensitivity for motion sensor.	20
13	cameraRetriggerTime	Retrigger time for camera motion.	10
14	maxVideoLengthSeconds	Motion capture video duration in seconds.	10
15	tempAlarmEnable	Alerting enabled when temperature threshold is breached.	TRUE
16	tempAlertIntervalHours	Time in hours between temperature alerts.	1
17	tempAdjustFahrenheit	Temperature reading adjustment (offset).	0
18	tempMinThresholdFahrenheit	Lower bound for temperature alert.	20
19	tempMaxThresholdFahrenheit	Upper bound for temperature alert.	110
20	illuminatorEnable	Enable illuminator when capturing video.	on
21	illuminatorIntensity	Brightness of illuminator.	46
22	lastBatteryAlert	Timestamp for last sent battery alert.	2021-09-29T11:04:43.305Z
23	volumeControl	Used to control volume level.	60
24	recordAudioEnable	Enable audio capture when recording motion clips.	TRUE
25	maxResolution	Resolution to record video at.	r720
26	wifiTimeout	Specify the timeout duration (in seconds) for each retry.	1
27	wifiConnectRetryCount	Specify the number of WiFi retries to attempt before giving up.	0
28	status	Current state/status of camera.	done
29	wifiStrength	Latest reported WiFi RSSI (strength) value.	-63
30	vo9Strength	Vo9 network strength for camera.	-41
31	syncModuleSignalStrength	Latest reported LFR RSSI (strength) value.	-41
32	temperatureFahrenheit	Latest reported camera temperature.	83
33	batteryVoltage	Latest reported camera battery voltage.	162
34	lastTempAlert	Timestamp of last temperature alert sent.	2021-09-29T11:04:43.305Z
35	tempAlertCount	Number of temperature alerts sent.	0
36	lastWifiAlert	Timestamp of last WiFi alert sent.	2021-09-29T11:04:43.305Z
37	wifiAlertCount	Number of WiFi alerts sent.	0
38	lastLfrAlert	Timestamp of last LFR event sent.	2021-09-29T11:04:43.305Z
39	lfrAlertCount	Number of LFR alerts sent.	0
40	lastOfflineAlert	Timestamp of last offline alert sent.	2021-09-29T11:04:43.305Z
41	offlineAlertCount	Number of offline alerts sent.	0
42	tempAlertState	Temperature range state for camera.	in_range

43	batteryState	Battery state for camera.	ok
44	batteryCheckTime	Timestamp for last battery state check.	2021-09-29T11:04:43.305Z
45	cameraType	Camera type.	XT
46	networkName	Associated network (system).	My Network
47	networkType	Type of network connection.	wifi

```
{
  "createdAt": "2025-07-31T13:27:41Z",
  "updatedAt": "2025-07-31T13:27:41Z",
  "deviceSerialNumberMasked": "************02J6",
  "fwVersion": "10.16",
  "macAddress": "f4:6d:03:d8:00:e7",
  "thumbnail": "1639713338",
  "name": "My Camera",
  "onboarded": true,
  "motionSensitivity": 20,
  "enabled": true,
  "armed": true,
  "cameraRetriggerTime": 10,
  "maxVideoLengthSeconds": 5,
  "tempAlarmEnable": true,
  "tempAlertIntervalHours": 1,
  "tempAdjustFahrenheit": 0,
  "tempMinThresholdFahrenheit": 20,
  "tempMaxThresholdFahrenheit": 110,
  "illuminatorEnable": true,
  "illuminatorIntensity": 0,
  "lastBatteryAlert": "2025-07-31T13:27:41Z",
  "volumeControl": 60,
  "recordAudioEnable": true,
  "maxResolution": "r720",
  "wifiTimeout": 1,
  "wifiConnectRetryCount": 0,
  "status": "done",
  "wifiStrength": -63,
  "syncModuleSignalStrength": -41,
  "temperatureFahrenheit": 82,
  "batteryVoltage": 3.17,
  "lastTempAlert": "2025-07-31T13:27:41Z",
  "tempAlertCount": 0,
  "lastWifiAlert": "2025-07-31T13:27:41Z",
  "wifiAlertCount": 0,
  "lastLfrAlert": "2025-07-31T13:27:41Z",
  "lfrAlertCount": 0,
  "lastOfflineAlert": "2025-07-31T13:27:41Z",
  "offlineAlertCount": 0,
  "tempAlertState": "in range",
```

Blink CameraOption.schema

	A	B	C
1	**Schema Field Name**	**Schema Field Description**	**Example**
2	createdAt	Timestamp of record creation.	2021-09-29T11:04:43.305Z
3	updatedAt	Timestamp of last record update.	2021-09-29T11:04:43.305Z
4	cameraName	Camera options record is associated with.	My Camera
5	options	JSON field for storing dynamic configuration.	
6	options.autoUpdateThumbnail	Automatically update device thumbnail on every motion event.	TRUE
7	options.earlyNotification	Send motion notification as soon as motion is detected.	TRUE
8	options.privacyZonesEnabled	Privacy zones is enabled for this device.	TRUE
9	options.smartDetectionEnabled	Smart detection is enabled for this device.	TRUE
10	options.recordingEnabled	Recording is enabled for this device.	TRUE
11	options.motionDetectionZoneEnabled	Motion detection zones are enabled for this device.	TRUE

```
[
  {
    "cameraName": "My Camera",
    "createdAt": "2025-07-31T13:27:41Z",
    "updatedAt": "2025-07-31T13:27:41Z",
    "options": {
      "autoUpdateThumbnail": true
    }
  }
```

Blink WiredCamera.schema

	A	B	C
1	**Schema Field Name**	**Schema Field Description**	**Example**
2	createdAt	Timestamp of record creation.	2021-09-29T11:04:43.305Z
3	updatedAt	Timestamp of last record update.	2021-09-29T11:04:43.305Z
4	fwVersion	Current firmware version.	10.16
5	deviceSerialNumberMasked	Device serial number.	************02J6
6	macAddress	MAC(network) address of camera.	f4:6d:03:d8:00:e7
7	ipAddress	Current IP address reported by wired camera.	8.8.8.8
8	thumbnail	Thumbnail identifier for camera.	1639713338
9	name	Customer provided friendly name for camera.	My Camera
10	onboarded	Flag to indicate whether onboarding has been successfully completed.	TRUE
11	motionSensitivity	Sensitivity for motion sensor.	20
12	retriggerTimeSeconds	Retrigger time for wired camera motion.	30
13	armed	Armed to record on motion event.	TRUE
14	maxClipLengthSeconds	Motion capture video duration in seconds.	5
15	earlyTermination	Terminate clip on lack of motion detected (from video, not motion sensor).	TRUE
16	earlyNotification	Whether early notifications are enabled on the device.	TRUE
17	nightVisionControl	Night vision infra-red sensitivity setting.	normal
18	illuminatorEnable	Enable infra-red illuminator when capturing video.	TRUE
19	illuminatorIntensity	Infra-red intensity setting.	4
20	volumeControl	Speaker volume range.	5
21	recordAudioEnable	Enable audio capture when recording motion clips.	TRUE
22	ledState	Configuration for what LED behavior the camera should have.	on
23	lastHeartbeat	Timestamp of last 'heartbeat' that device made to servers.	2021-09-29T11:04:43.305Z
24	connectionStatus	Current state/status of wired camera.	online
25	wifiStrength	Latest reported WiFi RSSI (strength) value.	-63
26	lastWifiAlert	Timestamp of last WiFi alert sent.	2021-09-29T11:04:43.305Z
27	wifiAlertCount	Number of WiFi alerts sent.	0
28	lastOfflineAlert	Timestamp of last offline alert sent.	2021-09-29T11:04:43.305Z
29	offlineAlertCount	Number of offline alerts sent.	0
30	cameraType	Wired camera type.	Mini
31	networkName	Associated network (system).	My Network

```
[
  {
    "createdAt": "2025-07-31T13:27:41Z",
    "updatedAt": "2025-07-31T13:27:41Z",
    "deviceSerialNumberMasked": "***********02J6",
    "cameraType": "Mini",
    "fwVersion": "10.16",
    "macAddress": "f4:6d:03:d8:00:e7",
    "ipAddress": "8.8.8.8",
    "name": "My Camera",
    "thumbnail": "1639713338",
    "onboarded": true,
    "armed": true,
    "ledState": "on",
    "connectionStatus": "online",
    "lastHeartbeat": "2025-07-31T13:27:41Z",
    "maxClipLengthSeconds": 5,
    "retriggerTimeSeconds": 30,
    "motionSensitivity": 20,
    "earlyTermination": true,
    "earlyNotification": true,
    "nightVisionControl": "normal",
    "illuminatorIntensity": 4,
    "recordAudioEnable": true,
    "volumeControl": 5,
    "wifiStrength": -63,
    "lastWifiAlert": "2025-07-31T13:27:41Z",
    "wifiAlertCount": 0,
    "lastOfflineAlert": "2025-07-31T13:27:41Z",
    "offlineAlertCount": 0,
    "networkName": "My Network"
  },
```

Blink WiredCameraOption.schema

	A	B	C
1	**Schema Field Name**	**Schema Field Description**	**Example**
2	createdAt	Timestamp of record creation.	2021-09-29T11:04:43.305Z
3	updatedAt	Timestamp of last record update.	2021-09-29T11:04:43.305Z
4	cameraName	Name of camera.	My Camera
5	options	JSON field for storing dynamic configuration.	
6	options.autoUpdateThumbnail	Automatically update device thumbnail on every motion event.	TRUE
7	options.advancedMotionDetectionEnabled	Advanced motion detection is enabled for this device.	TRUE
8	options.privacyZonesEnabled	Privacy zones is enabled for this device.	TRUE
9	options.smartDetectionEnabled	Smart detection is enabled for this device.	TRUE
10	options.recordingEnabled	Recording is enabled for the doorbell.	TRUE
11	options.motionDetectionZoneEnabled	Motion detection zones are enabled for this device.	TRUE

```
{
  "cameraName": "My Wired Camera",
  "createdAt": "2025-07-31T13:27:41Z",
  "updatedAt": "2025-07-31T13:27:41Z",
  "options": {
    "advancedMotionDetectionEnabled": true
  }
},
```

Blink Doorbell.schema.json

	A	B	C
1	**Schema Field Name**	**Schema Field Description**	**Example**
2	createdAt	Timestamp of record creation.	2021-09-29T11:04:43.305Z
3	updatedAt	Timestamp of last record update.	2021-09-29T11:04:43.305Z
4	fwVersion	Current firmware version.	1.25
5	deviceSerialNumberMasked	Device serial number.	************01GV
6	macAddress	MAC(network) address of doorbell.	74:ab:93:70:eb:0d
7	ipAddress	Current IP address reported by doorbell.	8.8.8.8
8	thumbnail	Thumbnail identifier for camera.	1639713338
9	name	Customer provided friendly name for camera.	My Doorbell
10	onboarded	Flag to indicate whether onboarding has been successfully completed.	TRUE
11	motionSensitivity	Sensitivity for motion sensor.	20
12	retriggerTime	Retrigger time for doorbell motion.	30
13	illuminatorEnable	Enable illuminator when capturing video.	off
14	illuminatorIntensity	Brightness of LED illuminator (off, low(1), med(4), high(7)).	1
15	lastBatteryAlert	Timestamp for last sent battery alert.	2021-09-29T11:04:43.305Z
16	batteryAlertCount	Number of battery alerts sent.	0
17	volumeControl	Speaker volume range.	5
18	recordAudioEnable	Enable audio capture when recording motion clips.	TRUE
19	maxResolution	Resolution to record video at.	r720
20	wifiTimeout	The timeout duration (in seconds) for each retry.	30
21	wifiConnectRetryCount	The number of WiFi retries to attempt before giving up.	0
22	status	Current state/status of doorbell.	done
23	wifiStrength	Latest reported WiFi RSSI (strength) value.	-63
24	syncModuleSignalStrength	Latest reported LFR RSSI (strength) value.	-63
25	temperature	Latest reported doorbell temperature.	82
26	batteryVoltage	Latest reported doorbell battery voltage.	161
27	lastTempAlert	Timestamp of last temperature alert sent.	2021-09-29T11:04:43.305Z
28	tempAlertCount	Number of temperature alerts sent.	0
29	wifiAlertCount	Number of WiFi alerts sent.	0
30	lastLfrAlert	Timestamp of last LFR event sent.	2021-09-29T11:04:43.305Z
31	lfrAlertCount	Number of LFR alerts sent.	0
32	lastOfflineAlert	Timestamp of last offline alert sent.	2021-09-29T11:04:43.305Z
33	tempAlertState	Temperature range state for doorbell.	in_range
34	batteryCheckTime	Timestamp for last battery state check.	2021-09-29T11:04:43.305Z
35	doorbellType	Doorbell type.	Blink Video Doorbell
36	doorbellMode	Which mode the doorbell is configured to.	lfr
37	networkName	Associated network (system).	My Network
38			

```
[
  {
    "createdAt": "2025-07-31T13:27:41Z",
    "updatedAt": "2025-07-31T13:27:41Z",
    "deviceSerialNumberMasked": "***********02J6",
    "doorbellType": "Blink Video Doorbell",
    "fwVersion": "12.58",
    "macAddress": "74:ab:93:70:eb:0d",
    "ipAddress": "8.8.8.8",
    "name": "My Doorbell",
    "thumbnail": "1639713338",
    "onboarded": true,
    "status": "done",
    "maxResolution": "r720",
    "retriggerTime": 30,
    "motionSensitivity": 20,
    "illuminatorEnable": "off",
    "illuminatorIntensity": 1,
    "recordAudioEnable": true,
    "volumeControl": 5,
    "wifiStrength": -63,
    "syncModuleSignalStrength": -41,
    "lastLfrAlert": "2025-07-31T13:27:41Z",
    "lfrAlertCount": 1,
    "temperature": 82,
    "batteryVoltage": 3.15,
    "wifiAlertCount": 0,
    "lastOfflineAlert": "2025-07-31T13:27:41Z",
    "lastBatteryAlert": "2025-07-31T13:27:41Z",
    "batteryAlertCount": 0,
    "tempAlertState": "in_range",
    "batteryCheckTime": "2025-07-31T13:27:41Z",
    "wifiTimeout": 30,
    "wifiConnectRetryCount": 0,
    "doorbellMode": "lfr",
    "lastTempAlert": "2025-07-31T13:27:41Z",
    "tempAlertCount": 0,
    "networkName": "My Network"
  },
```

Blink DoorbellOption.schema

	A	B	C
1	**Schema Field Name**	**Schema Field Description**	**Example**
2	createdAt	Timestamp of record creation.	2021-09-29T11:04:43.305Z
3	updatedAt	Timestamp of last record update.	2021-09-29T11:04:43.305Z
4	doorbellName	Doorbell name.	My Doorbell
5	options	JSON field for storing dynamic configuration.	
6	options.advancedMotionDetectionEnabled	Advanced motion detection is enabled for this device.	TRUE
7	options.autoUpdateThumbnail	Automatically update device thumbnail on every motion event.	TRUE
8	options.miniAsChimeEnabled	Trigger chime sound on mini devices when doorbell is pushed.	TRUE
9	options.privacyZonesEnabled	Privacy zones is enabled for this device.	TRUE
10	options.smartDetectionEnabled	Smart detection is enabled for this device.	TRUE
11	options.recordingEnabled	Recording is enabled for this device.	TRUE
12	options.motionDetectionZoneEnabled	Motion detection zones are enabled for this device.	TRUE

```
[
  {
    "doorbellName": "My Doorbell",
    "createdAt": "2025-07-31T13:27:41Z",
    "updatedAt": "2025-07-31T13:27:41Z",
    "options": {
      "advancedMotionDetectionEnabled": true
    }
  }
```

Blink SyncModule.schema.

	A	B	C
1	**Schema Field Name**	**Schema Field Description**	**Example**
2	createdAt	Timestamp of record creation.	2021-09-29T11:04:43.305Z
3	updatedAt	Timestamp of last record update.	2021-09-29T11:04:43.305Z
4	deletedAt	Timestamp of record deletion.	2021-09-29T11:04:43.305Z
5	deviceSerialNumberMasked	Device serial number.	************02J6
6	status	Current state/status of sync module.	online
7	fwVersion	Current firmware version.	12.5
8	ipAddress	Current IP address reported by sync module.	8.8.8.8
9	macAddress	MAC(network) address of sync module.	f4:6d:03:d8:00:e7
10	osVersion	OS version of sync module.	5.5.8
11	onboarded	Flag to indicate whether onboarding has been successfully completed.	TRUE
12	lastHeartbeat	Timestamp of last heartbeat.	2021-09-29T11:04:43.305Z
13	lastWifiAlert	Timestamp of last WiFi alert sent.	2021-09-29T11:04:43.305Z
14	wifiAlertCount	Number of WiFi alerts sent.	0
15	lastOfflineAlert	Timestamp of last offline alert sent.	2021-09-29T11:04:43.305Z
16	offlineAlertCount	Number of offline alerts sent.	0
17	name	Customer provided friendly name for sync module.	My Sync Module
18	networkName	Associated network (system).	My Network

```
[
  {
    "createdAt": "2025-07-31T13:27:41Z",
    "updatedAt": "2025-07-31T13:27:41Z",
    "deletedAt": "2025-07-31T13:27:41Z",
    "name": "My Sync Module",
    "fwVersion": "10.16",
    "macAddress": "f4:6d:03:d8:00:e7",
    "ipAddress": "8.8.8.8",
    "deviceSerialNumberMasked": "***********02J6",
    "status": "online",
    "onboarded": true,
    "lastHeartbeat": "2025-07-31T13:27:41Z",
    "osVersion": "5.5.8",
    "lastWifiAlert": "2025-07-31T13:27:41Z",
    "wifiAlertCount": 0,
    "lastOfflineAlert": "2025-07-31T13:27:41Z",
    "offlineAlertCount": 0,
    "networkName": "My Network"
  },
  {
```

Blink PanTiltAccessory.schema

	A	B	C
1	**Schema Field Name**	**Schema Field Description**	**Example**
2	createdAt	Timestamp of record creation.	2021-09-29T11:04:43.305Z
3	updatedAt	Timestamp of last record update.	2021-09-29T11:04:43.305Z
4	deviceSerialNumberMasked	Device serial number.	***********02J6
5	fwVersion	Current firmware version.	10.16
6	status	Current state/status of pan tilt accessory.	online
7	type	Pan tilt accessory type.	Pan/Tilt
8	calibrationState	State of calibration pan tilt accessory is in.	calibrated
9	lastCalibratedAt	Timestamp of when pan tilt accessory was last calibrated.	2021-09-29T11:04:43.305Z
10	homePanAngleDegrees	Starting pan angle for pan tilt accessory (home position).	90
11	homeTiltAngleDegrees	Starting tilt angle for pan tilt accessory (home position).	180
12	targetName	Target (device) type this lighting accessory is associated with.	Mini
13	deviceName	Device this lighting accessory is associated with.	My Wired Camera
14	networkName	Associated network (system).	My Network

```
[
  {
    "createdAt": "2025-07-31T13:27:41Z",
    "updatedAt": "2025-07-31T13:27:41Z",
    "deviceSerialNumberMasked": "***********02J6",
    "fwVersion": "10.16",
    "status": "online",
    "type": "Pan/Tilt",
    "calibrationState": "calibrated",
    "lastCalibratedAt": "2025-07-31T13:27:41Z",
    "homePanAngleDegrees": 90,
    "homeTiltAngleDegrees": 180,
    "targetName": "Mini",
    "deviceName": "My Wired Camera",
    "networkName": "My Network"
  },
```

Blink LocalStorageStatus.schema

	A	B	C
1	**Schema Field Name**	**Schema Field Description**	**Example**
2	createdAt	Timestamp of record creation.	2021-09-29T11:04:43.305Z
3	updatedAt	Timestamp of last record update.	2021-09-29T11:04:43.305Z
4	usbAvailable	Whether attached USB storage device is available.	TRUE
5	usbState	Current state of the attached USB storage device.	enabled
6	usbStorageUsed	Percent of USB storage available (calculated and provided by sync module).	0
7	usbStorageUsedBlink	Total storage (KB) used.	0
8	usbStorageUsedLs	Storage (KB) used by local storage.	0
9	usbStorageUsedSmBackup	Storage (KB) used by sync module backup.	0
10	usbStorageUsedTotal	Storage (KB) used in total on USB device.	0
11	usbFreeSpaceTotal	Total storage (KB) free on USB device.	0
12	usbFreeSpaceRequired	Required storage (KB).	0
13	usbTotalSize	Total storage (KB) on USB device.	0
14	smBackupStatus	Current sync module backup state.	idle
15	networkName	Associated network (system).	My Network
16			

```
[
  {
    "createdAt": "2025-07-31T13:27:41Z",
    "updatedAt": "2025-07-31T13:27:41Z",
    "usbAvailable": true,
    "usbState": "enabled",
    "usbStorageUsed": 0,
    "usbStorageUsedBlink": 0,
    "usbStorageUsedLs": 0,
    "usbStorageUsedSmBackup": 0,
    "usbStorageUsedTotal": 0,
    "usbFreeSpaceTotal": 0,
    "usbFreeSpaceRequired": 0,
    "usbTotalSize": 0,
    "smBackupStatus": "idle",
    "networkName": "My Network"
  },
```

Blink **LocalConnectionCertificate schema**

	A	B	C
1	**Schema Field Name**	**Schema Field Description**	**Example**
2	createdAt	Timestamp of record creation.	2021-09-29T11:04:43.305Z
3	updatedAt	Timestamp of last record update.	2021-09-29T11:04:43.305Z
4	notBefore	Timestamp of when the certificate is first able to be used.	2021-09-29T11:04:43.305Z
5	notAfter	Timestamp of when the certificate is last able to be used.	2021-09-29T11:04:43.305Z
6	networkName	Associated network (system).	My Network

```
[
  {
    "createdAt": "2025-07-31T13:27:41Z",
    "updatedAt": "2025-07-31T13:27:41Z",
    "notBefore": "2025-07-31T13:27:41Z",
    "notAfter": "2025-07-31T13:27:41Z",
    "networkName": "My Network"
  },
```

Blink LightAccessory.schema.

	A	B	C
1	**Schema Field Name**	**Schema Field Description**	**Example**
2	createdAt	Timestamp of record creation.	2021-09-29T11:04:43.305Z
3	updatedAt	Timestamp of last record update.	2021-09-29T11:04:43.305Z
4	name	Customer provided friendly name for lighting accessory.	My Light Accessory
5	deviceSerialNumberMasked	Device serial number.	************02J6
6	fwVersion	Current firmware version.	1.0.2.3
7	status	Current state/status of lighting accessory.	online
8	offlineAlertCount	Number of offline alerts sent.	0
9	batteryPowered	Whether lighting accessory is battery powered or not.	TRUE
10	batteryState	Battery state for lighting accessory.	ok
11	batteryLevel	Latest reported lighting accessory battery voltage.	162
12	batteryCheckTime	Timestamp for last battery state check.	2021-09-29T11:04:43.305Z
13	motionEnabled	Whether motion detection is enabled on lighting accessory.	TRUE
14	daytimeMode	Whether the lighting accessory should be enabled during a motion event.	TRUE
15	daytimeSensitivity	The threshold to turn the lighting accessory on during a motion event (if daytime_mode is enabled).	5
16	illuminatorIntensity	Brightness of lighting accessory.	50
17	illuminatorDuration	Duration of time before auto shutoff turns lighting accessory off (in seconds).	15
18	illuminatorHomescreenDuration	Number of seconds that the lights will stay on after a home screen tap.	300
19	illuminatorAutoEnabled	Automatically turn the lights on when it's dark outside, independent of motion events or any other event.	TRUE
20	type	Lighting accessory type.	Flood Light
21	targetName	Target (device) this lighting accessory is associated with.	Mini
22	deviceName	Target (device) this lighting accessory is associated with.	My Wired Camera
23	lightStatus	Current status of lights.	off
24	lightStatusTimestamp	Light status expires after this time.	2021-09-29T11:04:43.305Z
25	duskToDawnHoldoff	Dusk to dawn status.	TRUE
26	duskToDawnHoldoffTimestamp	Dusk to dawn status expires after this time.	2021-09-29T11:04:43.305Z
27	networkName	Associated network (system).	My Network

```
[
  {
    "createdAt": "2025-07-31T13:27:41Z",
    "updatedAt": "2025-07-31T13:27:41Z",
    "name": "My Light Accessory",
    "deviceSerialNumberMasked": "************02J6",
    "fwVersion": "1.0.2.3",
    "status": "online",
    "offlineAlertCount": 0,
    "batteryPowered": true,
    "batteryState": "ok",
    "batteryLevel": 3.15,
    "batteryCheckTime": "2025-07-31T13:27:41Z",
    "motionEnabled": true,
    "daytimeMode": true,
    "daytimeSensitivity": 5,
    "illuminatorIntensity": 50,
    "illuminatorDuration": 15,
    "illuminatorHomescreenDuration": 300,
    "illuminatorAutoEnabled": true,
    "type": "Flood Light",
    "targetName": "owl",
    "deviceName": "My Wired Camera",
    "lightStatus": "off",
    "lightStatusTimestamp": "2025-07-31T13:27:41Z",
    "duskToDawnHoldoff": true,
    "duskToDawnHoldoffTimestamp": "2025-07-31T13:27:41Z",
    "networkName": "My Network"
  },
```

Blink BatteryExtensionPackAccessory.schema

	A	B	C
1	**Schema Field Name**	**Schema Field Description**	**Example**
2	createdAt	Timestamp of record creation.	2021-09-29T11:04:43.305Z
3	updatedAt	Timestamp of last record update.	2021-09-29T11:04:43.305Z
4	deviceSerialNumberMasked	Device serial number.	************02J6
5	type	Battery extension pack accessory type.	Battery Extension Pack for Blink Outdoor 4
6	targetName	Target (device) this battery extension pack accessory is associated with.	XT2
7	deviceName	Target (device) this battery extension pack accessory is associated with.	My Camera
8	networkName	Associated network (system).	My Network

```
[
  {
    "createdAt": "2025-07-31T13:27:41Z",
    "updatedAt": "2025-07-31T13:27:41Z",
    "deviceSerialNumberMasked": "************02J6",
    "type": "Battery Extension Pack for Blink Outdoor 4",
    "targetName": "XT2",
    "deviceName": "My Wired Camera",
    "networkName": "My Network"
  },
```

Blink CameraStatus.schema.

	A	B	C
1	**Schema Field Name**	**Schema Field Description**	**Example**
2	eventDate	Timestamp of record creation.	2021-09-29T11:04:43.305Z
3	type	Status type, mini or full.	mini
4	acPower	Indicates that the camera is connected to AC power.	TRUE
5	batteryAlertStatus	Indicates that there is a battery alert.	TRUE
6	batteryVoltage	Current voltage level of the camera battery.	171
7	dhcpFailureCount	Number of DHCP failures.	0
8	fwVersion	Current firmware version.	1.71
9	ipAddress	IP address of the camera.	192.168.0.100
10	lfrStrength	Strength of the LFR signal.	-11
11	macAddress	MAC address of the camera.	00:00:00:00:00:00
12	networkName	Associated network (system).	My Network
13	status	Current status of the camera.	lfr_ok
14	deviceSerialNumberMasked	Device serial number.	************01GV
15	temperatureFahrenheit	Current temperature reading of the camera.	80
16	tempAlertStatus	Indicates that there is a temperature alert.	TRUE
17	timeDhcpLeaseMicroseconds	Time taken for DHCP lease.	7904022
18	timeDnsResolveMicroseconds	Time taken for DNS resolution.	0
19	timeFirstVideoMicroseconds	Time to first frame of video capture.	0
20	timeOnAcMicroseconds	Time the camera has been on AC power.	0
21	timeOnBatteryMicroseconds	Time the camera has been on battery power.	0
22	timeWlanConnectMicroseconds	Time taken to connect to WiFi.	4731947
23	wifiConnectFailureCount	Number of WiFi connection failures.	0
24	wifiStrength	Strength of the WiFi signal.	-11
25	networkType	Type of network connection.	wifi
26	vo9Strength	Strength of the Vo9 signal.	-11

```json
[
  {
    "eventDate": "2025-07-31T13:27:30Z",
    "acPower": true,
    "batteryAlertStatus": true,
    "batteryVoltage": 3.17,
    "dhcpFailureCount": 0,
    "fwVersion": "1.71",
    "ipAddress": "192.168.0.100",
    "lfrStrength": -11,
    "macAddress": "00:00:00:00:00:00",
    "networkName": "My Network",
    "status": "lfr_ok",
    "deviceSerialNumberMasked": "************02J7",
    "temperatureFahrenheit": 80,
    "tempAlertStatus": true,
    "timeDhcpLeaseMicroseconds": 0,
    "timeDnsResolveMicroseconds": 0,
    "timeFirstVideoMicroseconds": 0,
    "timeOnAcMicroseconds": 0,
    "timeOnBatteryMicroseconds": 0,
    "timeWlanConnectMicroseconds": 0,
    "type": "full",
    "wifiConnectFailureCount": 0,
    "wifiStrength": -11,
    "networkType": "wifi",
    "vo9Strength": -11
  },
```

Blink DoorbellStatus.schema.json

	A	B	C
1	**Schema Field Name**	**Schema Field Description**	**Example**
2	eventDate	Timestamp of record creation.	2021-09-29T11:04:43.305Z
3	type	Type of status record (full or mini).	full
4	deviceSerialNumberMasked	Device serial number.	************01GV
5	networkName	Associated network (system).	My Network
6	wifiStrength	Strength of the WiFi signal.	-11
7	lfrStrength	Strength of the LFR signal.	-11
8	temperatureFahrenheit	Current temperature reading of the doorbell.	80
9	batteryVoltage	Current voltage level of the doorbell battery.	166
10	fwVersion	Current firmware version.	1.21
11	macAddress	MAC address of the doorbell.	00:00:00:00:00:00
12	ipAddress	IP address of the doorbell.	192.168.0.100
13	acPower	Indicates that the doorbell is connected to AC power.	TRUE
14	timeFirstVideoMicroseconds	Time to first frame of video capture.	0
15	timeWlanConnectMicroseconds	Time taken to connect to WiFi.	0
16	timeDhcpLeaseMicroseconds	Time taken for DHCP lease.	0
17	timeDnsResolveMicroseconds	Time taken for DNS resolution.	0
18	wifiConnectFailureCount	Number of WiFi connection failures.	0
19	dhcpFailureCount	Number of DHCP failures.	0
20	socketFailureCount	Number of socket failures.	0
21	doorbellMode	Current mode of the doorbell.	lfr
22	unloadedTapVoltage	Unloaded tap voltage (units are 20mV per count).	0
23	bridgeVoltage	Bridge voltage.	0
24	acMaxCurrentMilliamp	Maximum current measured.	0
25	timeOnBattery	Time spent on battery power (in tenths of a second).	0
26	timeOnAc	Time spent on AC power (in tenths of a second).	0
27	powerHarvestingEnabled	Whether device is enabled for harvesting power.	0
28	harvestCurrentMilliamp	Maximum harvestable current allowed during power harvesting.	0
29	pirTotalEventsCount	Total number of motion events detected.	0

```
[
  {
    "type": "full",
    "eventDate": "2025-07-31T13:27:30Z",
    "deviceSerialNumberMasked": "***********02J7",
    "networkName": "My Network",
    "wifiStrength": -11,
    "lfrStrength": -11,
    "temperatureFahrenheit": 80,
    "batteryVoltage": 3.15,
    "fwVersion": "1.21",
    "macAddress": "00:00:00:00:00:00",
    "ipAddress": "192.168.0.100",
    "acPower": true,
    "timeFirstVideoMicroseconds": 0,
    "timeWlanConnectMicroseconds": 0,
    "timeDhcpLeaseMicroseconds": 0,
    "timeDnsResolveMicroseconds": 0,
    "wifiConnectFailureCount": 0,
    "dhcpFailureCount": 0,
    "socketFailureCount": 0,
    "doorbellMode": "lfr",
    "unloadedTapVoltage": 0,
    "bridgeVoltage": 0,
    "acMaxCurrentMilliamp": 0,
    "timeOnBattery": 0,
    "timeOnAc": 0,
    "harvestCurrentMilliamp": 0,
    "powerHarvestingEnabled": false,
    "pirTotalEventsCount": 0
  },
```

Blink WiredCameraStatus.schema

	A	B	C
1	**Schema Field Name**	**Schema Field Description**	**Example**
2	eventDate	Timestamp of record creation.	2021-09-29T11:04:43.305Z
3	deviceSerialNumberMasked	Device serial number.	***********01GV
4	networkName	Associated network (system).	My Network
5	wifiStrength	Strength of the WiFi signal.	-11
6	fwVersion	Current firmware version.	1.21
7	macAddress	MAC address of the wired device device.	00:00:00:00:00:00
8	ipAddress	IP address of the wired device.	192.168.0.100
9	timeFirstVideoMicroseconds	Time to first frame of video capture.	0
10	timeWlanConnectMicroseconds	Time taken to connect to WiFi.	0
11	timeDhcpLeaseMicroseconds	Time taken for DHCP lease.	0
12	timeDnsResolveMicroseconds	Time taken for DNS resolution.	0
13	type	Type of the wired device.	full
14	wifiConnectFailureCount	Number of WiFi connection failures.	0
15	dhcpFailureCount	Number of DHCP failures.	0
16	socketFailureCount	Number of socket failures.	0
17	floodlightsIntensity	Floodlights light intensity.	0
18	alsReading	Ambient light sensor reading.	0

```
[
  {
    "eventDate": "2025-07-31T13:27:30Z",
    "deviceSerialNumberMasked": "************02J7",
    "networkName": "My Network",
    "wifiStrength": -11,
    "fwVersion": "1.21",
    "macAddress": "00:00:00:00:00:00",
    "ipAddress": "192.168.0.100",
    "timeFirstVideoMicroseconds": 0,
    "timeWlanConnectMicroseconds": 0,
    "timeDhcpLeaseMicroseconds": 0,
    "timeDnsResolveMicroseconds": 0,
    "type": "full",
    "wifiConnectFailureCount": 0,
    "dhcpFailureCount": 0,
    "socketFailureCount": 0,
    "floodlightsIntensity": 0,
    "alsReading": 0
  },
```

Blink SyncModuleStatus.schema

	A	B	C
1	**Schema Field Name**	**Schema Field Description**	**Example**
2	eventDate	Timestamp of record creation.	2021-09-29T11:04:43.305Z
3	deviceSerialNumberMasked	Device serial number.	************01GV
4	fwVersion	Current firmware version.	1.21
5	ipAddress	IP address of the sync module.	192.168.0.100
6	wifiStrength	Strength of the WiFi signal.	-11
7	osVersion	Version of the operating system.	1.21
8	ethernetConnected	Connected to wired ethernet.	TRUE
9	networkName	Associated network (system).	My Network

```
[
  {
    "eventDate": "2025-05-19T19:45:44Z",
    "deviceSerialNumberMasked": "************02J7",
    "fwVersion": "1.21",
    "ipAddress": "192.168.0.100",
    "wifiStrength": -11,
    "osVersion": "1.21",
    "ethernetConnected": true,
    "networkName": "My Network"
  },
```

Blink AccessoryStatus.schema.

	A	B	C
1	**Schema Field Name**	**Schema Field Description**	**Example**
2	eventDate	Timestamp of record creation.	2021-09-29T11:04:43.305Z
3	accessoryType	Type of the accessory.	Flood Light
4	fwVersion	Current firmware version.	1.21
5	batteryPowered	Indicates that the accessory is battery-powered.	TRUE
6	batteryLevel	Current battery level of the accessory (if applicable).	0
7	accessoryReady	Indicates that the accessory is ready and operational.	TRUE
8	networkName	Associated network (system).	My Network
9	parentDeviceSerialNumberMasked	Parent device serial number.	************01GV
10	deviceSerialNumberMasked	Device serial number.	************01GV

```
[
  {
    "eventDate": "2025-07-31T13:27:30Z",
    "accessoryType": "Flood Light",
    "fwVersion": "1.21",
    "batteryPowered": true,
    "batteryLevel": 0,
    "accessoryReady": true,
    "networkName": "My Network",
    "parentDeviceSerialNumberMasked": "************02J7",
    "deviceSerialNumberMasked": "************02J6"
  },
```

Blink LightStatus.schema.json

	A	B	C
1	**Schema Field Name**	**Schema Field Description**	**Example**
2	eventDate	Timestamp of record creation.	2021-09-29T11:04:43.305Z
3	brightness	Current brightness level of the light.	5
4	eventTimestamp	Timestamp of the event that triggered this status update.	0
5	eventType	Type of event.	lights_on
6	networkName	Associated network (system).	My Network
7	deviceSerialNumberMasked	Device serial number.	************01GV

```
[
  {
    "brightness": 5,
    "eventDate": "2025-07-31T13:27:30Z",
    "eventTimestamp": "2025-07-31T13:27:30Z",
    "eventType": "lights_on",
    "networkName": "My Network",
    "deviceSerialNumberMasked": "************02J7"
  },
```

Blink CommandHistory.schema

	A	B	C
1	**Schema Field Name**	**Schema Field Description**	**Example**
2	eventDate	Timestamp of record creation.	2021-09-29T11:04:43.305Z
3	updatedAt	Timestamp when this command was last updated.	2021-09-29T11:04:43.305Z
4	command	Type of command issued.	config_lfr
5	stateStage	Stage that command completed in.	dev
6	stateCondition	The condition that the command completed in.	done
7	totalDurationSeconds	Duration command took to complete.	4
8	byWhom	Identifier of client that initiated the command.	Ctdis iPad (2) - 6.14.0 (2206201618) #e648b4a6e-mod - liveview
9	targetName	Target (device) this command is associated with.	doorbell
10	deviceName	Name of the device the command executed on.	My Doorbell
11	cameraName	Name of the camera the device executed on.	My Camera
12	networkName	Associated network (system).	My Network

```
[
  {
    "eventDate": "2025-05-19T19:45:44Z",
    "updatedAt": "2025-05-19T19:45:44Z",
    "command": "config_lfr",
    "stateStage": "dev",
    "stateCondition": "done",
    "totalDurationSeconds": 4,
    "byWhom": "Ctdis iPad (2) - 6.14.0 (2206201618) #e648b4a6e-mod - liveview",
    "targetName": "Mini",
    "deviceName": "My Device",
    "cameraName": "My Camera",
    "networkName": "My Network"
  },
```

Blink Vo9Stats.schema.json

	A	B	C
1	**Schema Field Name**	**Schema Field Description**	**Example**
2	eventDate	Timestamp of record creation.	2021-09-29T11:04:43.305Z
3	deviceSerialNumberMasked	Device serial number.	***********01GV
4	sentDataFrames	Number of sent data frames.	0
5	sentDataFramesErrors	Number of sent data frame errors.	0
6	sentDataFramesRetransmit	Number of sent frame re-transmissions.	0
7	receivedDataFrames	Number of received data frames.	0
8	receivedDataFramesErrors	Number of received data frame errors.	0
9	receivedCrcCheckFailed	Number of received frames that failed CRC check.	0
10	configuration	Device configuration.	0
11	networkName	Associated network (system).	My Network

```
[
  {
    "deviceSerialNumberMasked": "************02J7",
    "networkName": "My Network",
    "sentDataFrames": 0,
    "sentDataFramesErrors": 0,
    "sentDataFramesRetransmit": 0,
    "receivedDataFrames": 0,
    "receivedDataFramesErrors": 0,
    "receivedCrcCheckFailed": 0,
    "configuration": 0,
    "eventDate": "2025-07-31T13:27:30Z"
  },
```

Blink NotificationRecipient.schema.json

	A	B	C
1	**Schema Field Name**	**Schema Field Description**	**Example**
2	eventDate	Timestamp of record creation.	2021-09-29T11:04:43.305Z
3	eventType	Type of the notification recipient.	apns
4	clientName	Name of the notification recipient.	iPhone
5	clientAcknowledgedReceipt	Current status of the notification - client notified receipt.	TRUE
6	clientType	Client type of the notification recipient.	cm
7	cameraName	Name of camera that triggered the notification.	My Camera

```
[
  {
    "eventDate": "2025-07-31T13:27:30Z",
    "clientType": "apns",
    "clientName": "iPhone",
    "clientAcknowledgedReceipt": true,
    "cameraName": "My Camera",
    "eventType": "cm"
  },
```

Blink BandwidthResults.schema.json

	A	B	C
1	**Schema Field Name**	**Schema Field Description**	**Example**
2	eventDate	Timestamp of record creation.	2021-09-29T11:04:43.305Z
3	totalBytes	Total bytes transferred during instruction block.	0
4	uploadTime	Upload time for instruction block.	0
5	bandwidthKbps	Bandwidth for instruction block.	0
6	serverTotalBytes	Total bytes transferred for server connection.	0
7	serverUploadTime	Upload time for server connection.	0
8	serverBandwidthKbps	Bandwidth for server connection.	0
9	vo9TotalBytes	Total bytes transferred for Vo9 connection.	0
10	vo9UploadTime	Upload time for Vo9 connection.	0
11	vo9BandwidthKbps	Bandwidth for Vo9 connection.	0
12	deviceSerialNumberMasked	Device serial number.	************01GV

```
[
  {
    "eventDate": "2025-07-31T13:27:30Z",
    "deviceSerialNumberMasked": "************02J7",
    "totalBytes": 0,
    "uploadTime": 0,
    "bandwidthKbps": 0,
    "serverTotalBytes": 0,
    "serverUploadTime": 0,
    "serverBandwidthKbps": 0,
    "vo9TotalBytes": 0,
    "vo9UploadTime": 0,
    "vo9BandwidthKbps": 0
  },
```

Blink Event.schema.json

	A	B	C
1	**Schema Field Name**	**Schema Field Description**	**Example**
2	eventDate	Timestamp of record creation.	2021-09-29T11:04:43.305Z
3	type	Type of event.	scheduled_arm
4	notified	Flag indicating that a notification was sent for this event.	TRUE
5	deviceType	Type of device associated with event.	Floodlight
6	deviceName	Name of device associated with event.	My Camera
7	networkName	Associated network (system).	My Network

```
[
  {
    "cameraName": "My Camera",
    "networkName": "My Network",
    "eventDate": "2025-07-31T13:27:30Z",
    "type": "scheduled_arm",
    "notified": true
  },
```

Upcoming Scope

If the data you are looking for isn't covered in the Available scope, use Contact Us to submit your feedback by choosing the Category Amazon Data Portability and the Topic Feedback & Feature Requests.