

# Ambie

## Network Requirements

### Ports

There are two ports that must be open - both inbound and outbound - for the Ambie Player to work correctly.

#### 1) Port 1883 (TCP) 2) Port 8883 (TCP)

The 2 ports above are used by the device to connect to our IOT Server hosted by AWS.

If you want or need to limit the traffic on the ports the host name is:

**a117f4qbnqd0g2.iot.eu-west-1.amazonaws.com**

In addition to the ports specified above, traffic must be permitted both to and from the following URLs:

#### 1) [logs4.papertrailapp.com:48752 \[UDP\]](https://logs4.papertrailapp.com:48752)

*The Remote Logging System we use to remotely monitor the status of each Ambie Player.*

#### 2) [d1jixwkdown00iq.cloudfront.net \(Port 80 & Port 443\)](https://d1jixwkdown00iq.cloudfront.net)

*The Amazon Streaming CDN the Ambie system uses to download tracks.*

#### 3) [remote.ambie.fm](https://remote.ambie.fm) –

*The URL to access the Ambie Remote interface.*

#### 4) [dashboard.ambie.fm](https://dashboard.ambie.fm)

*The URL to access the Ambie Dashboard interface.*

#### 5) [https://kruo3njzbf.execute-api.eu-west-1.amazonaws.com \(Port 443\)](https://kruo3njzbf.execute-api.eu-west-1.amazonaws.com)

*The API Gateway i.e. How a command from an Ambie Interface is sent to the Ambie Player.*

#### 6) [streaming.ambie.fm \(Port 80 & Port 443\)](https://streaming.ambie.fm)

*The backup streaming server the Ambie Player downloads music from, in the unlikely event that the Amazon Streaming CDN fails.*

### IP Addresses

If you are unable to whitelist the host names (listed above), the below IP's must be whitelisted for the Ambie Player to work correctly.

#### Ambie IP Classes:

52.31.205.120, 52.208.229.174, 52.208.94.180

#### AWS (Amazon Web Services) IP Classes:

By it's nature, AWS doesn't guarantee that its IP ranges are not changing over time. Please refer to this document to have always the relevant IPs in your whitelist: <https://ip-ranges.amazonaws.com/ip-ranges.json>.

#### Papertrail IP Classes:

169.46.82.160/27

**-- For all other technical enquiries, please contact your Account Manager directly or email: [support@ambie.fm](mailto:support@ambie.fm)**