

Haivision

- [Makito X Encoder](#)

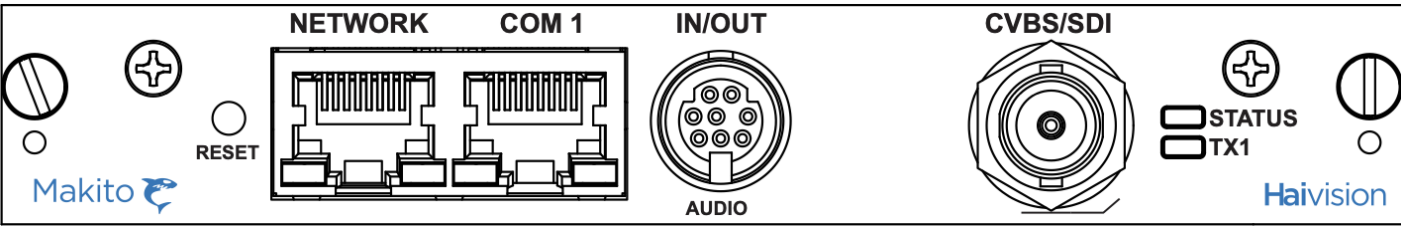
Makito X Encoder

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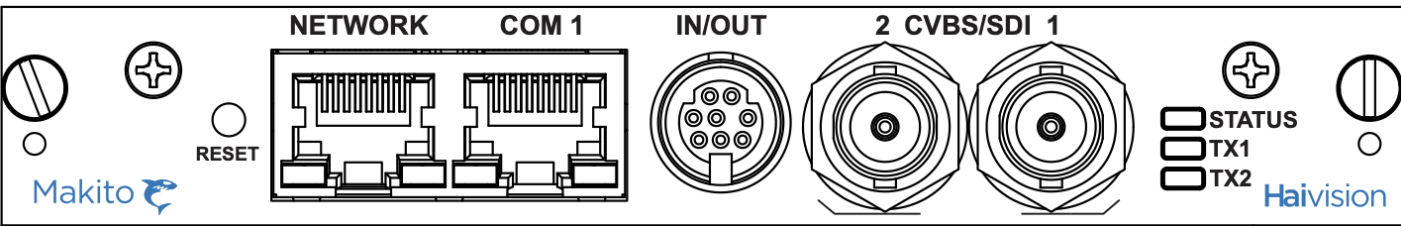
The Makito X is an ultra compact SDI or DVI H.264 encoding appliance with optional HEVC encoding support, internal and/or removable storage.

Models

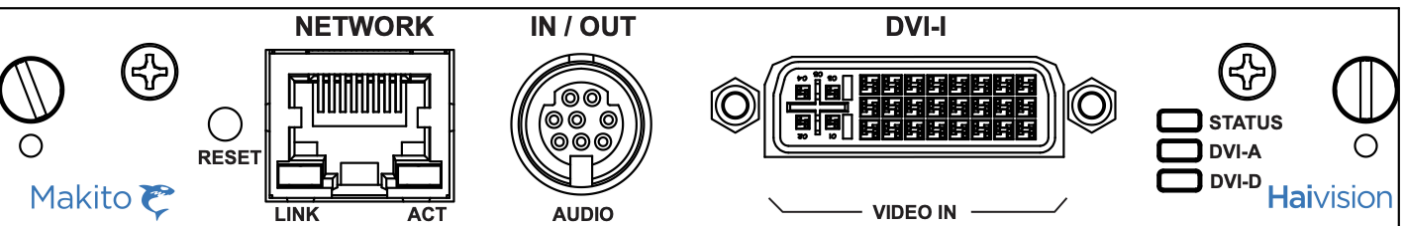
Makito X Single SDI



Makito X Dual SDI



Makito X DVI



Makito X (Harsh)

Device Limitations

The Haivision Makito X doesn't support RTMPS (RTMP over TLS/SSL), meaning you cannot stream (directly) to platforms like Facebook or Cloudflare who require RTMPS. (A Haivision Support representative stated on their support portal that there are no plans to add RTMPS support on the Makito X Encoder).

Documentation

<https://doc.haivision.com/MakitoXEnc2.5.2>

Factory Reset

To reset the Haivision Makito use a paper-clip to hold down the reset button on the encoder. After ~5 seconds the status light will turn red and the device will reboot with a factory-default configuraiton. The encoder can remain powered the entire duration of the factory reset.

“ When factory-reset, Haivision Makito X has a default username of `admin` and a default password of `manager`. { .is-info }

Once reset is complete Makito will reboot with the factory default settings: **IP Address:** `10.5.1.2`
Subnet Mask: `255.255.0.0` **Gateway:** `10.5.0.1`

REST API

The Makito X has an undocumented HTTP API.

Authentication

A session cookie is passed in the header, for example `Cookie: SessionID=SESSID0000000000`.

Undocumented API Endpoints

URL	Requires Auth	Description	Type
/apis/system_info	NO	Returns a list of capabilities of the system	
/apis/banner	NO	Returns the login text/banner message	
/apis/authentication			
/apis/policies			
/apis/talkback			
/apis/sap/0			
/apis/streams	YES		
/apis/status			
/apis/authentication		Returns a response if you're authenticated.	GET
/apis/authentication		Sends --data-binary with username and password to auth	POST
/apis/streams/1/pause	YES	Pauses stream output	PUT
/apis/streams/1/resume	YES	Resumes the stream output	PUT