



# HD-VXQ Quad Video ISR Module

By Light's HD-VXQ module integrates Haivision's Makito X4 4K UHD, HD and HEVC video encoder and KLAS Telecom's award winning Voyager 8 chassis center to deliver a modular, mobile, and flexible ISR solution. The HD-VXQ can operate in the Voyager chassis or in stand alone mode.



## Makito X HEVC Key Features

4K UHD and HD Haivision's Makito X4 is a highly versatile 4K UHD and HD video encoder for low latency. Broadcast quality streaming is capable of encoding four separate HD inputs (1080p60) or a single 4K/UHD source (2160p60) with HEVC/H.265 or AVC/H.264 and features: ultra low latency video for real time, situational awareness and 8 encoding cores for multi-bitrate streaming in HEVC/H.265 and AVC//H.264



## KLV/STANAG Metadata for ISR Applications

Makito X4 encoder is ideal for full-motion video (FMV) applications requiring STANAG and MISP compliant Key-Length-Value (KLV) metadata. Capable of aggregating metadata from many sensors and sources, the Makito X HEVC fuels downstream networks, exploitation systems, and viewers

with frame accurate synchronization. The Makito X HEVC is designed for ISR applications where uplink network bandwidth is limited and costly. Improvements in compression efficiency increase image quality and positively impact mission intelligence.

Part Number: BYL-HD-VXQ

Description: Voyager 8 module solution with Makito X HEVC single channel 3G/HD/SD-SDI encoder.

## SPECIFICATIONS

### PHYSICAL

- 7.875" L x 7.375" W x 2.0" H (200 x 187 x 51 mm)
- 3.625 lbs. / 1.64 kg

### CONSTRUCTION

- Integrated aluminum chassis
- Forced air cooled, 5 VDC fans

### ELECTRICAL

- 12 VDC input for operation in KLAS Voyager 8 chassis
- 20W power consumption

### OPERATING TEMPERATURE RANGE

- Operating -0 to 40C (32° to 104°F)
- Non-operating -40 to 50C (32° to 104°F)

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