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KLAS
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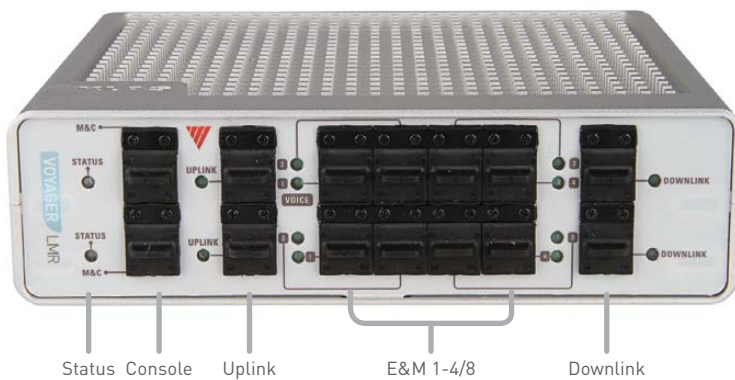
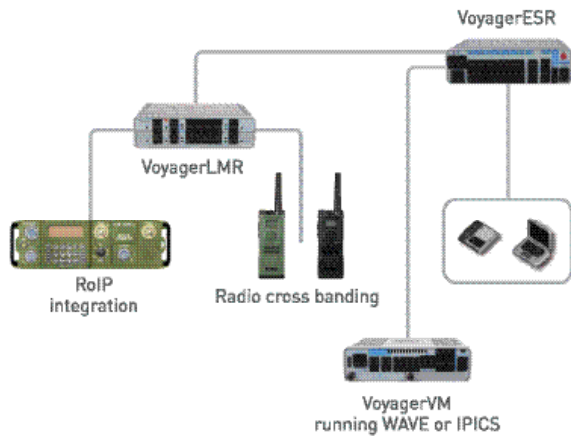
VOYAGER LMR

COMMUNICATE MORE
CARRY LESS

Fueled by Vocality technology, the VoyagerLMR radio relay module makes the integration of radio and IP networks possible in applications where SWaP is critical. VoyagerLMR provides either 4 or 8 E&M interfaces for connection of audio for push-to-talk (PTT) radios and can be integrated with Cisco Call Manager Express (CME) running on a VoyagerESR, and Motorola Solutions WAVE Broadband Push-To-Talk or Cisco IPICS on a VoyagerVM.

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Specification

Physical Specifications

- 7.4" W x 6.3" L x 2" H (188 x 160 x 52mm)
- 2.5 lbs / 1.14 kg

Ports

- 4 or 8 RJ-45 four-wire E&M PPT ports
- Ethernet uplink/downlink
- Serial console for management
- Tx/Rx balance lines 0dB @ 6000hms
- Configuration options for polarization of PTT (M) and squelch (E)

Electrical Specifications

- 10-18 VDC Input
- Power consumption is 10W for 4-port VoyagerLMR, and 20W for 8-port VoyagerLMR

Construction

- Integrated aluminum chassis with cooling fins for fanless design

Operating Temperature range

- -25 to 60C

Storage Temperature range

- -30 to 85C

VoIP protocols

- SIP 2.0
- G.711, G.726, G.729A, G.723.1 (5.3/6.3kbps MP-MLQ), G.729 Annex A (8kbps CS-ACELP), G.726 (16-40kbps ADPCM), G.727 (16-40kbps E-ADPCM), G.711 (64kbps PCM) μ -law or A-law

Management

- SNMP v3
- HTTP/HTTPS
- Local CLI

Key Features:

- Transcodes radio E&M interfaces for use with SIP endpoints
- Native radio cross banding
- Easy integration into media or PBX gateway (Cisco IPICS, Motorola Solutions WAVE Broadband Push-To-Talk, Mutualink, or Asterisk)
- Transparent PCM voice compression to 5.2Kbps
- Multicast RoIP
- Combines with Cisco Call Manager Express (CME) on a VoyagerESR for simplified radio and IP integration
- Can be upgraded for video and optimized with Vocality's IP PACE option key, and is compatible with Harris AN/PRC-117F/G, Harris AN/PRC-152 and other common tactical, first responder, and public safety radios

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