L3’s TACTICAL ROVER®p (TACp) provides analog and secure digital multiband ISR video directly to the dismounted user for real-time situational awareness.

Product Description
The TACTICAL ROVER®p is an IP-based, multiband, secure, digital and analog receiver designed for ease of integration with very low SWaP.

With its variety of interfaces, the user can connect our TACTICAL ROVER®p to virtually any warfighter system, existing display device, computer and power source.
Performance Specifications

Performance Characteristics

Receive Bands
- L-band: 1.625 GHz to 1.85 GHz, 0.5 MHz steps
- S-band: 2.20 GHz to 2.50 GHz, 0.5 MHz steps
- C-band: 4.40 GHz to 4.94 GHz, 1.0 MHz steps
  5.25 GHz to 5.85 GHz, 1.0 MHz steps
- Ku-band¹: 14.40 GHz to 14.83 GHz, 1.0 MHz steps
  15.15 GHz to 15.35 GHz, 1.0 MHz steps

Video
- H.261
- H.264
- MPEG-2
- MPEG-4
- MJPEG
- Analog NTSC/PAL

Decryption
- AES
- Triple DES

External Interfaces
- TNC for RF input
- 10/100 Base-T Ethernet
- MBITR power connector
- BNC for RS-170

Compatible Displays
- Head-mounted displays
- Wrist-mounts
- PCs

Software-Programmable Receiver
- User on-screen display
  - Pre-mission configurations
  - Automatic waveform search/acquisition
- Configurable
  - Waveform
  - Band and frequency
  - Video
- Ease of Use
  - Frequency-only configuration
  - Quick key “speed dial”
  - Easy GUI – Web interface
  - Frequency analyzer

Physical Characteristics

Receiver SWaP (no battery):
- Size: 3.0” (w) x 6.6” (h) x 1.5” (d)
- Weight: < 1.1 lb.
- Power: ~6 W, 9 to 16 VDC

Environmental:
- Temperature: -40 °C to 65 °C
- Immersion: 2m

Digital Waveforms

<table>
<thead>
<tr>
<th>Supported Features</th>
<th>DDL</th>
<th>DVB-T</th>
<th>Tactical²</th>
<th>CDL³</th>
<th>Legacy Digital</th>
<th>466ER</th>
<th>VNW⁴</th>
<th>FM Analog</th>
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¹Compatible data rates and frequencies only available with optional Ku-band accessory.
²Tactical data rates include 1.6, 3.2, and 6.4 Mbps.
³DVB-T2 and 10.71 Mbps supported.
⁴VNW data rates range from 50 kbps to 5 Mbps.

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