

HRC-MS

High-resolution, cooled (HRC) thermal cameras provide TV-quality thermal video for long-range, 24/7 security applications.

The next level of security.



MS-12 configuration, HRC-X, LRV-D60AF, and LRF

HRC-MS Integrated Multi-Sensor System Specifications

HRC long-range thermal cameras are typically installed in multi-sensor systems integrated on a precision pan/tilt, with a long-range zoom color camera, and often a laser rangefinder. FLIR's HRC-MS packages are fully integrated multi-sensor systems with all of the advanced features necessary for effective long-range imaging, like electronic image stabilization, atmospheric turbulence de-scintillation, video analytics target acquisition/tracking, and auto video target tracking, making them the most complete, advanced surveillance systems available.

| Pan/Tilt Specifications | |
|--|--|
| Azimuth Rotation | Continuous 360° |
| Azimuth Speed | 0.03° to 70°/sec |
| Elevation Range | +/-35° |
| Elevation Speed | 0.03° to 30°/sec |
| Repeatability | 0.057° |
| Readout | 0.0057° |
| Minimum Movement | 0.02° |
| LRV Low-Light Visible Color Camera Options | |
| LRV-D60AF (Long-range) | |
| Camera | 1/2" IT CCD; 768 x 494 resolution |
| Lens Performance | |
| Magnification | 60x |
| Focal Length Range | 16.7 to 1000 mm (2,000 mm w/ 2x extender) |
| FOV Range | 21.7° x 16.4° to 0.37° x 0.28° 10.9° x 8.2° to 0.18° x 0.14° (w/ 2x extender) |
| Lens Focus | On-command Auto and Manual Focus |
| LRV-S26AF, (Short- to Medium-range) | |
| Camera | 1/4" HAD CCD; 768 x 493 resolution |
| Lens Performance | |
| Magnification | 26x |
| Focal Length Range | 3.5 to 91 mm |
| FOV Range | 42°(h) to 1.6°(h) (plus 12x digital zoom) |
| Lens Focus | Continuous Auto and Manual Focus |
| Nexus Server Command and Control Interface Options | |
| Option 1, JPC-3G | MS11 configuration installed with pan/tilt |
| Upgrades | Vilga electronic image stabilization and video tracking |
| Option 2, Rackmount Server | MS12 configuration uses system cable |
| Upgrades | Electronic image stabilization and turbulence de-scintillation |
| System Cables | 45 ft, 90 ft, or 180 ft |
| System Options | |
| Toyon Video Plus | Long-range video analytics, auto target marking & tracking |
| Laser Range Finder | Eyesafe; +10 Km range |
| GPS | Continuous Lat/Long position reporting for mobile systems |
| Digital Magnetic Compass | North direction finding for mobile systems |
| Laser Pointer | Two conductor hard-wired interlock |
| Other System Specifications | |
| System Weight | 75 - 125 lb depending on configuration |
| Power Supply | 28 VDC, 240 W capacity recommended |
| Environmental | IP-66, MIL-STD-810F |
| Operating Temperature | -32°C to +55°C (-26°F to +131°F) |



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