

HI-MS1000 MOBILE SURVEILLANCE LASER SYSTEM

KEY FEATURES

- Ultra-long range viewing system
- 2 Megapixels 1920x1080 HD Camera
- H.264 video encoding, 1080P HD video in real time
- High power laser IR beam, supports viewing at night
- Precision PTZ control & mobile control station
- Independent battery pack power system
- Environmental IP66 -20°C to +50°C

Specifications

Accessories



| | |
|------------------|--|
| TFT/LCD Screen | 10" and 15" TFT/LCD HD 1920x1080p HD, with HDMI, DVI |
| Local Decoding | Local live view at 1080P/720P/HD1/BCIF/CIF/QCIF resolution |
| Network Interfac | 10M/100M/1000M Adaptive Ethernet port, WiFi Support, USB 2.0 x 2 |
| Joystick Control | 4-axis joystick (Pelco-P, Pelco-D baud rate 2400, 4800, 9600, 19200) |

Power Supply

| | |
|------------------------|---|
| Battery Type | 24V 100AH(LiFePo4) - Controller 10A (PWM) |
| Rated Output power | AC500W - DC24V, +AC220V 10±V% (50 Hz - Sine Wave) |
| Battery Lifecycle | over 1.200 charge/discharge battery cycles under normal conditions |
| Intelligent Protection | Restore, Recovery charging voltage, Under voltage protection |
| Solar Power | Included, according to Executive Standards: GB/T2297-89, GB/T14007-92 |
| Certification | UN38.3 |

Casing & Peripherals

| | |
|---------------|---|
| Packing | Durable Carrying Cases |
| Cables | Cables for Power Connection, Video, Accessories X 2 |
| Power Adapter | AC220V to DC12V adapter |
| Tripod | Heavy Duty, >145 mm |
| Weather Proof | IP66, anti-water, anti-dust, anti-salt fog |
| Certificate | CE, ISO9001:2008 |

MOBILE SURVEILLANCE LASER SYSTEM WITH HD LONG RANGE IMAGING CAMERA, DESIGNED FOR 24/7 MONITORING

HELLENIC INSTRUMENTS PC

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HI-MS1000 MOBILE SURVEILLANCE LASER SYSTEM

SPECIFICATIONS

Camera

| | |
|-------------------|---|
| Sensor | 1/1.8" CMOS 2 Megapixels 1920x1080p HD Camera |
| Pixel Pitch | <10.8µm x 10.8µm |
| Dynamic Range | >55 dB |
| Sensitivity | <0.0002 Lux |
| Spectral Response | 400nm – 1000nm |
| Focal Length | 16.7 – 1000mm HD Lens |
| Zoom Lens | 60x optical zoom with optical image stabilizer Motorized with Infrared correction matched to sensor size |
| Color Mode | Automatic ICR switch, H.264 video format |

NIR Laser

| | |
|--------------------|--|
| Power | 30W |
| Effective distance | 5.0 km |
| Wavelength | 915nm |
| Illumination angle | DSS digital stepper illumination angle control, unique laser angle and distance matching technology, min 0.1° follow-up zooming, GHT-II super homogenizing HD illumination technology, 0.01° SLM optical axis aiming and locking |
| Switch | Photosensitive/manual switch |

Housing

| | |
|-----------------|---|
| Material | Aluminum alloy, IP66, waterproof, dustproof |
| Glass | 4mm microcrystalline white optical glass |
| Coating | Olive Green / Black |
| Control | Zoom, focus, laser focus, laser on/off, power control |
| Heating Element | Built-in heater and defroster |

Pan Tilt

| | |
|---------------------|------------------------------------|
| Pan Range | 0°~360° continuously |
| Tilt Range | -45°~+45° |
| Rotation Speed Pan: | 0.1°~12°/s |
| Payload Capacity | 50kg |
| Preset | 128, with patrol and scan function |

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