HELLENIC INSTRUMENTS

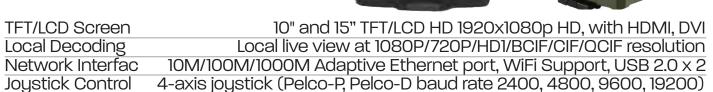
HI-MS 1000 MOBILE SURVEILLANCE LASER SYSTEM

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



Power Supply

Battery Type	24V 100AH(LiFePo4) - Controller 10A (PWM)
Rated Output power	AC500W - DC24V, +AC220V 10±V70 (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-MS 1000 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 0.1ºfollow-up zooming, GHT-II super homogenizing HD illumination technology, 0.01ºSLM 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

Preset	128, with patrol and scan function
Payload Capacity	50kg
Rotation Speed Pan:	0.10~120/s
Tilt Range	-450~+450
Pan Range	0°~360° continuously

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