TIGER Eyes
RUM-100-640TE

JeLs
JORDAN ELECTRONIC LOGISTICS SUPPORT

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Tiger Eyes Pan-Tilt, Multi-Sensor day and night security cameras let you see intruders and other threats to your facility's security clearly in total darkness and in bad weather. The precision pan/tilt mechanism gives operators accurate pointing control while providing fully programmable scan patterns. Fully enabled for control and operation over digital and serial networks, high-resolution 640 × 480 format, providing up to sixteen times the image clarity and longer threat detection range performance than lower resolution thermal cameras. Multi-sensor configurations also include a day/night zoom color CCD camera on the same pan/tilt package.

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Thermal Camera Specifications

Wavelength	8-14 μm
Detector	17 micron, Amorphous Silicon
Pixel	640 x 480
Thermal Sensitivity	≤50 mK
Refresh Rate	50 Hz
Start up Time	~2⊠3 sec
Operational Modes	White Hot, Black Hot, Colors
Field-of-View	5°X6°
Electronic Zoom	x1,x2, x4
Operating Temperature	-30°C to +55°C
Control	Sensor Brightness, Sensor Contrast, Filter, and NUC
Focusing	Motorized

Day Camera Specifications

Image sensor	SONY 1/4" Super HAD CCD
Effective pixels	768(H)×494(V) NTSC
	752(H)×582(V) PAL
Resolution	600 TVL / B/W: 700TVL
S/N ratio	More than 50dB (AGC OFF)
Iris control	Auto / Manual
Minimum illumination	0.5 Lux. @F1.8(Color) /
White balance	0Lux – IR LED ON(B/W)
Gain control	ATW / AWC / MANUAL
Focus	Normal / High / Off
Lens	Auto / Focus / One Shot
	X33 Optical Zoom,x16 Digital zoom
	f=3.5 –115.5mm
	F1.6(Wide)~F3.4(Tele)
SSNR	Off / Low / Middle / High
Digital zoom	x2 ~ x16
Video output	Composite (1.0VP-P/75Ω)
Operating temperature	-20°C~60°C

Pan Tilt Specifications

Rotation speed	Pan 0.1°~45°/S;Tilt0.1°~15°/S;
Range	Pan 0~360°;Tilt +20°~-60°;
Preset position	200
Preset position precision	±0.1°
automatic cruise	6 cruises,each cruise can set 10 cruise points
Auto scan	1
Protocol	Pelco-D,Pelco-P baud rate optical, set by code switch
Baud rate	2400/4800/9600/19200 bps,set by code switch
Communication interface	RS422/RS485 optical
Voltage	AC24V±20%,50/60Hz;DC28V±20%
Power	80W
Work temperature	-30°C~+60°C,90%±3%
Storage temperature	-40°C~+70°C
Load weight	15Kg
Load style	Top/side
IP grade	IP66
Machine weight	11.5Kg
Size	265mm×180mm×315mm(L×W×H)

Options

- Built-in eight hours storage media.
- GIS navigation and line of sight analysis software (TLOSA) plus Situational awreness system.