

RUGGED CAMS

By Rugged CCTV

Ruff Ride Thermal PTZ Camera

- ★ 384*288 high sensitive thermal imager,
- ★ Integrated HAD 36x visual zoom module, 550 TVL;
- ★ Aluminum PTZ case with high strength, full weather proof;
- ★ IP index up to IP67, built-in surge and lighting strike protection device;
- ★ Built-in defogging device, working temperature range -20°C~+55°C;
- ★ 3 video outputs: thermal video, visual video and switch video;
- ★ Precise PTZ system with high holding torque, PTZ positioning precision up to +/-0.05°;
- ★ Protocol & Baud rate self-adaptive, soft address supported;
- ★ Optional damping system for tough applications;
- ★ Image flip for stand / ceiling mount;
- ★ Wide Dynamic Range (WDR).

Specifications

Image Sensor	1/4" SONY EX-View HAD CCD
Effective Pixel	PAL: 752(H)×582(V); NTSC:768(H)×494(V)
Resolution	550 TVL
Optical Zoom	36X
Digital Zoom	12X
Min Illumination	0.01 Lux (Lights Off) 0 Lux (Lights On)
White Balance	Auto
Focus	Auto/Manual
Exposure	Auto/Manual
S/N Ratio	Not less than 50DB
BLC	On/Off
WDR(150X)	Yes
Image Stabilization	On/Off
Digital Noise Reduction	1-5 Steps
Day/Night	Yes
Lens	f=3.4mm~122.4mm, F1.6 to F4.5
View Angle	57.8° (wide) to 1.7° (tele)
Pan Tilt Zoom	
Pan Range	360° continuous
Pan Speed	0.04°-90°/s, adjustable
Tilt Range	-15°~90° with auto flip
Tilt Speed	0.3°~60°/s adjustable
Preset Speed	Pan: 120°/s; Tilt: 90°/s
Preset	256
Preset Precision	±0.05°

Thermal Imaging Camera	
Sensor Type	Un-Cooled oSi
Resolutions	384X288
Sensor Size	25µm×25µm
Focal	40mm
Focus	Electronic
IRIS	1.0
FOV	13.7°x10.3°
Detecting Range	2000m (Vehicle) 800m (Man)
Recognition Range	800m (Vehicle) 400m (Man)
Digital Zoom	1X, 2X, 4X
Video Display	White / Black



General	
Video Output	1Channel Thermal Imaging Video; 1Channel Daylight Video; 1Channel Switch Video;
Comm. Interface	RS-485
Protocol	PELCO-P / PELCO-D
Baud Rate	2400bps, 4800bps, 9600bps, 19200bps (self-adaptive)
Address	0-255
Voltage	DC 10.8-28V
Power Consumption	35W/50W (Heater On) 3.0 Amps - 4.2Amps (max)
Working Temperature	-50°F ~ +150°F
IP Index	IP67, TVS, Anti-Surge
Dimensions	11.81" (H) x Ø7.50"
Weight	12.5 lbs
Wind Resistance	110 mph - 180 km/h
Anti-Vibration	Pan 9g, Tilt 15g

866-301-2288

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