

# EAGLE- PT-IR

AE62E20

- 2.13 MP
- Day & Night with extreme low light Sensitivity and Adaptive IR LED
- 36x Zoom lens (f4.6–165.6mm / f1.55-5.0), DC Iris, Auto Focus
- Extreme WDR
- 60 FPS at 1920 x 1080
- Continuous Pan & Tilt
- Weatherproof (IP66) and Vandal Proof Metal Casing (IK10) with built-in Dehumidifier
- Scratch resistant and Water-repellent Lens Glass
- Built-in Analytics



First Pic without Illuminator



Second Pic with Illuminator

## SPECIFICATION

Day Camera			
Product Type	Outdoor Speed Dome	IR Sensitive Range	700-1100nm
Sensor	1/2.8-type CMOS	IR LED	Adaptive IR LED x 6 (850nm) reflectivity ~90%, Variable Beam Size Wide 36° Narrow 6.3°
Sensor Format	Effective Pixel 1945X1097 (2.13 MP)	IR Working Distance	180m, Auto Adjust Intensity & Beam Angles
Horizontal Resolution	1800 TVL	Electronic Shutter	1/5 – 1/32000 (manual mode)
Day/Night	Yes	S/N Ratio	56 dB, 140dB High Dynamic range
Low light sensitivity	Extreme	<b>Lens</b>	
Minimum Illumination	Color 0.05lx B/W 0.01lx, 0lx with IR	Focal Length	Zoom, f4.5 – 165.6mm / f/1.55 – 5.0
Color to BW Switch	ISP Based Switch, Configurable	Zoom Ratio/Speed	36x Optical / 2.0 sec, 16x Digital
Mechanical IR Cut Filter	Yes (Switchable)	Zoom Application	Camera Installation; Auto zoom by event;

Specifications mentioned in the document may change without prior notice, please contact sales for latest specification

# SPECIFICATION

IRIS	<i>DC Iris - Automatic</i>	<b>Audio</b>	
Focus	<i>Auto Focus with manual override</i>	Audio	<i>2-way (Mic-in, Line-in, Line-out)</i>
Horizontal Viewing Angle	<i>62.7° - 2.4°</i>	Compression	<i>G.711,8kHz sampling rate,16</i>
Vertical Viewing Angle	<i>38.5° - 1.6°</i>	Audio-In / Audio-Out	<i>Cable with 3.5mm phone jack, 1 V rms max.</i>
<b>PTZ</b>		<b>Network</b>	
Preset Scan Panning/Tilt Speed	<i>0.16° ~ 300°/s</i>	Protocol & Service	<i>IPv4/v6, TCP, UDP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, NTP, RTP, RTSP, RTCP, SMTP, FTP, IGMP, ICMP, ARP, Bonjour, UPnP, QoS, SNMP, IEEE 802.1X</i>
Manual Panning/Tilt Speed	<i>0.16° ~ 54°/s / 0.16° ~ 27°/s</i>	Ethernet Port	<i>1, Ethernet (10/100Base-T), RJ-45 connector</i>
Panning Range	<i>360° Endless</i>	Security	<i>IP address filtering; encryption (SSL, 3DES, AES, TLS 1.0); Anonymous login;</i>
Tilting Range/Angle	<i>-20° ~ 180°</i>	Alarm Inputs	<i>2</i>
Control	<i>Remote Manual, 256 preset points</i>	Alarm Trigger	<i>Video motion detection (10 regions), External device through digital input, Sound detection, Intelligent event detection</i>
Tours	<i>10 preset tours</i>	Alarm Input	<i>4, Terminal block</i>
Preset Tilting Accuracy	<i>0.01</i>	Alarm Output	<i>2, Terminal block</i>
Absolute Position	<i>Yes</i>	Local Storage	<i>Micro SDHC card slot (256 GB)</i>
Protocol	<i>Pelco-D, Pelco-P</i>	<b>General</b>	
<b>Video</b>		Power Source / Power consumption	<i>High PoE (IEEE802.3at) / 50W; AC 24V / 62W (heater, fan and IR on)</i>
Compression	<i>H.264/H.265 (Base/High profile), MJPEG</i>	Weight	<i>3135 g (6.91 lb)</i>
Max. Frame Rate vs. Resolution	<i>60 fps at (1920 x 1080 / 1280 x 720; ) 30 fps at 640 x 480; 30 fps at 320 x 240</i>	Dimensions (Φ x H)	<i>170 mm x 260 mm (6.69" x 10.23")</i>
Multi-Streaming	<i>Simultaneous triple streams</i>	Environmental Casing	<i>Weatherproof (IP66), Vandal proof metal casing (IK10), Built-in dehumidifier, Scratch-resistant and water-repellent lens glass</i>
Bit Rate	<i>128 Kbps - 12 Mbps (per stream)</i>	Mount Type	<i>Gang Box, Wall Mount, Pole Mount Corner Mount</i>
Bit Rate Mode	<i>Constant, Variable</i>	Starting Temperature	<i>-40°C ~ 55°C (-40°F ~ 131°F) within 30 minutes</i>
<b>Image Enhancement</b>		Operating Temperature	<i>-40°C ~ 60°C (-40°F ~ 131°F)</i>
<b>WDR</b>	<i>Extreme WDR (140DB)</i>	Operating Humidity	<i>10% ~ 90% RH, Built-in de-humidifier</i>
White Balance	<i>On/Off, Manual/ .Automatic Modes</i>	Bundled Accessories	<i>High PoE injector (for USA) or Power Adapter (for other countries)</i>
Features	<i>Brightness, Contrast and Sharpness Control, Backlight compensation</i>	Approvals	<i>CE (EN 55022 Class B, EN 55024), IP66, IK10 (metal casing), NEMA 4X, UL (for bundled PoE injector or power adapter);</i>
Defog	<i>Yes</i>	<b>Integration</b>	
De-Noise / Noise reduction	<i>2D+3D digital noise reduction; Dynamic noise reduction</i>	Unified Solution	<i>Fully compatible with ACTi software</i>
Privacy Mask	<i>24 configurable regions and 24 sectors</i>	Interoperability Integration	<i>ONVIF Compliant;</i>
Text Overlay	<i>User defined text on video</i>	GPS Position	<i>Manual setting</i>
Image Orientation	<i>Image flip and mirror</i>	certificates	<i>MIL 810</i>
Built-in Analytics	<i>Face Detection, Object Based Motion Detection, Tampering, Shock Detection, PTZ Auto Tracking, Line Crossing, Enter Area, Missing Object, Unattended Object Loitering</i>	<i>8 kHz, Mono, PCM, 16 bit encoding; G.711</i>	<i>Yes</i>
		Audio Signal Line In	<i>94 k Ohm typical, 1 V rms max.</i>

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