



4K UWDR Technology

TAURUS PX 618 4V10

- 30fps @ 4K
- Ultra WDR
- Auto Back Focus
- POE (IEEE 802.3at)
- Quad Stream @ full HD 30fps
- 4-10mm Vari-focal DC Iris Lens
- OnVif
- 4 year Warranty

4K

Ernitec steps into the 4K market with the new TAURUS PX-618 Network Camera. With 4K technology, it offers the latest generation of ultra HDTV standards and features a resolution four times higher than HDTV 1080p. The TAURUS PX-618 is ideal for large areas such as football stadiums, airports and city centre CCTV while covering large areas as well as being able to capture all of the fine details.

Ultra WDR

The Taurus PX also offers the latest multi shuttering Ultra-Wide Dynamic Range feature making this range ideal for surveillance in areas with strong variations in light, for instance close to large windows and entrances or where the sunlight creates both very bright zones and dark shadows.

Sensor

The TAURUS PX-618 camera features a highly sophisticated half inch 8.3 megapixel image sensor and extremely fast internal processor that runs four times the speed of conventional full HD cameras to deliver unparalleled performance in both bright and low light conditions. The camera also features true Day/Night capabilities to capture 4K colour images during the day and high-resolution black and white images at night.

Auto Back Focus

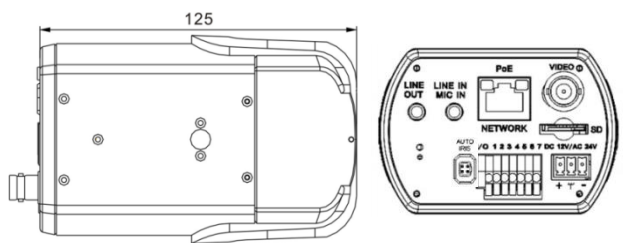
The Taurus PX series features auto-back focus, meaning you just need to adjust the lens to the angle of view you need and then, with a push of a button from your web browser you can focus the camera remotely. This massively reduces the install time as high megapixel cameras can be very hard to focus correctly.

Technical Specification

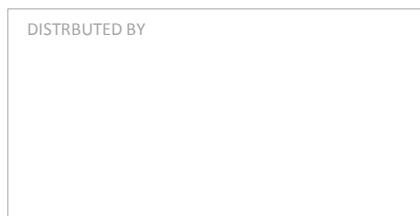
Camera	
Camera type	Box day / night (ICR Type)
Effective Pixels	4208 (H) x 3120 (V)
Image Sensor	1/2.3" Progressive CMOS
Electronic Shutter Speed	1~1/10.000 sec.
Min. Illumination	0.1 lux (Colour), 0.05 lux (B/W)
Day/night switching	Mechanical IR-cut
Back Focus	Auto back-focus
Lens	
Format	½.3" inch
Focal Length	4.5-10mm
Resolution	10 megapixel
F. number	F1.8
Iris	DC Auto Iris
IR	IR Corrected
Mount	CS
Video	
Video Compression	MJPEG/ H.264 main profile/ H.264 High profile/ SVC
Video streams	Single / 4K2K (3840 x 2160) @ 25/30fps Dual / 2x 1080p@50/ 60fps H.264 Quad/ 2x 1080p@50/ 60fps H.264 + VGA@50/ 60fps H.264 + CIF@50/ 60fps H.264
Resolution	4K2K (3840 x 2160) / 1080p/ SXGA/ 720p/ XGA/SVGA/ D1/ VGA/ CIF
Brightness	Manual
Exposure	Auto / Manual
Sharpness	Manual
Contrast	Manual
White Balance	Manual / AWB/ ATW
Saturation	Manual
Hue	Manual
Digital Zoom	Yes
UWDR	Up to 100dB
3D Noise	On/Off
Privacy Zone	On/Off
Video Windows under ePTZ	4
Motion detection	On/Off
Tampering Alarm	On/Off

Network	
Network Interface	Ethernet (RJ45) 10/100Mbps
Supported protocol	IPv4/v6, TCP/IP, UDP, RTP, STPS, HTTP, HTTPS, ICMP, FTP, SMTP, DHCP, PPPoE, Upnp, IGMP, SNMP, QoS
Internet Browser	Internet Explorer (6.0+), Chrome, Firefox, Safari
Password Levels	User / Administrator
User Account	20
Event Notification	HTTP, FTP, SMTP
General	
OnVif	Onvif Profile S
Edge Storage	SD/ SDHC card slot (card is not included)
Audio	Two-way /G.711 /G.726
Audio input / output	4 pins terminal block
Digital In/out	1 /1 (4 pins terminal block)
Analog Video Output	1Vpp, 75Ω, PAL BNC connector class 2
Power Voltage	12VDC / 24VAC/ POE (IEEE802.af)
Power Consumption	9watt
Power Connector	3 pins terminal block / RJ45
Environmental Casing	Indoor
Languages	DE, FR, IT, PT, RU, UK
Operating	-10°C ~ +50°C
Temperature/Humidity	10% ~ 90% RH
Dimensions	ABF: 149.66 x 79.73 x 52.57 mm (L x W x H) w/o Lens
Weight (Net)	0.5kg
Warranty	4 years
Included accessories	Installation and Management software DVD
Part number	0070-07618

Optional accessories	
1ch video management software	0063-99999
AppView for smart phones and tablet	free download



Unit: mm



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