

# IP Video Surveillance Systems 2.0/4.0 MEGA PIXEL PTZ BULLET

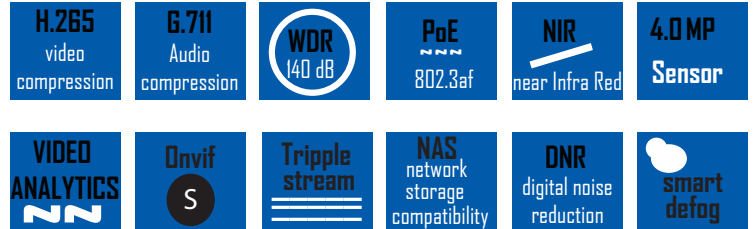


CT- 4820 PTWB/ CT 4840 PTWB



## Product Features

- H.265 Video compression  
50% reduction in bandwidth, storage & bit rate compared with H.264.)
- 140 dB Super WDR ( Excellent performance even when the ratio of the luminosity of brightest and darkest is up to 140dB.)
- Smart PTZ motion detection (Pan and tilt to the position of motion detected area automatically and zoom in synchronously.)
- 255 Preset points ( user can easily control the lens position via mouse to monitor interested area and set up to 255 preset positions for patrolling.)



## Auto focus lens

The 12x AF lens can zoom up to distant subjects while still maintaining the clarity, delivering high quality video over the entire zoom range.

## Screw Vent

High waterproof and air permeable performance to reduce fogging, condensation, eliminate moisture, and improve the life of the product.

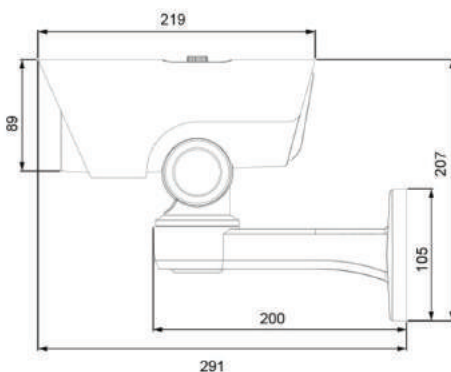
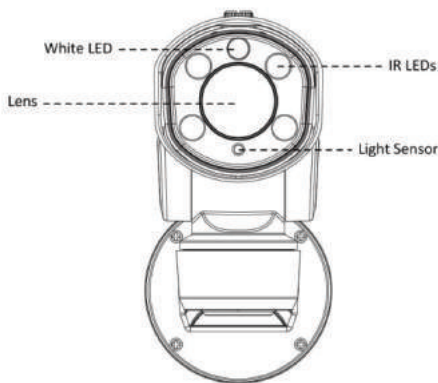
## Ultra Low Lux

The starlight camera is able to deliver high detailed color images even in low light environment reaching 0.002Lux (Color) or 0Lux(B/W), and near infrared light environments without any supplementary lighting.

## IR LED & White LED

Enable 60 meters distinct images at night with IR LEDs as well as express alarm and deliver colorful surveillance with the White LED.

## ISOMETRIC VIEW



# IP Video Surveillance Systems

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#### TECHNICAL SPECIFICATIONS

Camera	Image Sensor	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS	
	Min. Illumination	Color: 0.002Lux@F1.6 B/W: 0Lux with IR on	Color: 0.008Lux@F1.6 B/W: 0Lux with IR on	
IR Distance Day&Night	WDR	Super WDR up to 140dB	Super WDR up to 120dB	
	Shutter Time	1/100000s~1/5s Up to 60m ICR Filter Auto Switch		
Lens	Focal Length	5.3~64mm, 12x AF Lens		
	Zoom Speed	3.1s		
	Field of View	58.2°~4.83°(Wide-Tele)		
	Minimum Working Distance	1000~1500mm (Wide-Tele)		
	Aperture	F1.6~F2.8		
PTZ	Pan Range	340°		
	Pan Speed	Pan Manual Speed: 0.2°~60°/s, Pan Preset Speed 100°/s		
	Tilt Range	-45°~30°		
	Tilt Speed	Tilt Manual Speed: 0.2°~30°/s, Tilt Preset Speed 60°/s		
	Proportional Zoom	Support		
	Preset Quantity	255		
	Patrol	8 Patrols, up to 48 presets each patrol		
	Pattern	4 Patterns		
	Power Loss Recovery	Support		
	Position Display	ON/OFF		
3D Positioning	Support			
Video	Max Image Resolution	1920x1080	2592x1520	
	Primary Stream	30fps@(1920x1080, 1280x960, 1280x720, 704x576)	20fps(2592x1520), 30fps@(2304x1296, 1920x1080, 1280x960, 1280x720, 704x576)	
	Secondary Stream	30fps@(704x576, 640x480, 640x360, 352x288, 320x240, 320x192, 320x176)		
	Tertiary Stream	30fps@(1920x1080, 1280x720, 704x576, 640x480, 640x360, 320x240, 320x192, 320x176)		
	Video Compression	H.265(HEVC)/H.264/MJPEG		
	Video Bit Rate	16Kbps~16Mbps(CBR/VBR Adjustable)		
	Image Setting	Brightness/Contrast/Saturation/Sharpness		
Ethernet	1*RJ45 10M/100M Ethernet Port			
Network	Network Storage Protocol	NAS(Support NFS, SMB/CIFS) IPv4/IPv6, UDP, RTP, RTSP, RTCP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, SIP, PPPoE, VLAN		
	Audio Compression	G.711/AAC		
Audio	Audio I/O	1/1		
	Alarm I/O	1/1		
System	Storage	Support Micro SD/SDHC/SDXC Local Storage, up to 128G		
	Advanced Function	Motion Detection, Privacy Masking, Backlight Compensation, HLC, 3D-DNR, ROI		
	SIP/VoIP Support	Yes, Voice & Video-over-IP		
	Event Trigger	Motion Detection, Network Disconnection, External Input, Audio Alarm, etc.		
	Event Action	FTP Upload/ SMTP Upload/ SD Card Record/ External Output/ SIP Phone		
System Compatibility	ONVIF Profile S			
General	Working Temperature	-30°C~60°C	Working Humidity	0~90%(Non-condensing)
	Power Supply	DC 12V, 2A	Power Consumption	8.5W MAX/19W MAX (With IRon)
	Weather Proof	IP66	Weight	2Kg
	Dimensions(mm)	291 x 207 x 95		



\*CT-Server is the trademark associated with the Cametron for softwares & related applications

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SOFTWARES & AFFILIATIONS

## SOFTWARES

CT Server32	32 Channel VMS basic Software Package
CT Server 64	64 Channel VMS basic Software Package
CT Server128	128 Channel VMS basic Software Package
CT Server E	256 Channel VMS entry Software Package
CT Server P	256+ Channels VMS professional Software Package

## COMPLIANCE



## AFFILIATION



## Ordering Information

CAMETRON CT- 4820 PTWB  
CAMETRON CT 4840 PTWB

2.0 Megapixel, Full HD, Wide Dynamic Range, PoE, H.265 Mini PTZ Bullet Camera  
4.0 Megapixel, Full HD, Wide Dynamic Range, PoE, H.265 Mini PTZ Bullet Camera

## Registered Office

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