

4K (8MP), TDN, WDR, IR, INTELLIGENT BULLET





Fixed Lens Bullet

IPB4K28AIX

- > Fully Adheres to National Defense Authorization Act (NDAA) Guidelines
- > Exceptional Video Quality with 4K (8MP), 3840 x 2160 Resolution
- > Super-Efficient H.265 Video Compression for Drastically Reduced Bandwidth and Storage Requirements
- > Powerful, Smart IR LED Lights for 0Lux Night Time Operation up to 98 Feet
- > 2.8mm fixed lens; Triple Video Streams; ONVIF Profile S Compliant
- > TRUE Day/Night and WDR functionality for all Lighting Conditions
- > Backlight Compensation, Corridor Mode, Defog and 3D DNR (Digital Noise Reduction)
- > Two-way Audio w/ Built-In Speaker / Microphone; Built-in Micro-SD Card Slot enables local storage up to 256GB
- > Intelligent perimeter protection such as cross line and intrusion, with smart intrusion prevention technology for significantly reduced false alarms when focusing on humans and motor vehicles
- > Supports Sound & Light Alarm Alerts when Smart Intrusion is Detected
- > PoE & 12VDC Power Options, IP67 Weather Resistant Housing, Optional Mounts Available
- Supported by uniview tec Guard Station Software and Guard Viewer Mobile App's for iPhone and Android Devices

www.univiewtechnology.com

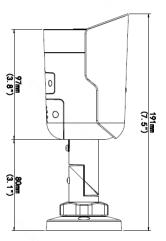


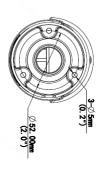
Specifications

Sensor 1/2.7", progressive scan , 8 megapixel, CMOS Lens 2.8mm @ F2.0 Angle of View (H x V) 112.4" x 60.1" Shutter Auto/Manual, 1 ~ 1/100000 s Minimum Illumination Color: 0.01 Lux (F2.0, AGC ON); 0 Lux with IR Day/Night IR-cut filter with auto switch (ICR) Digital noise reduction 2D/3D DNR IR LED Range Up to 30m (98 ft) IR range WDR 120dB Video Compression Ultra 265, H.264, MJPEG H.264 code profile Baseline profile, Main Profile, High Profile Maximum Frame Rate / Stream Sub: 1080P (1920 x 1080): @ 30 fps Third Stream: D1 (720 x 576) @ 30fps Third Stream: D1 (720 x 576) @ 30fps HLC, 9:16 Corridor, Defog, Flip, De-Warping, Alarm Light OSD, Privacy Mask, Motion Detection & ROI Network Protocols IP-4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPOE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPAP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS, RTMP, SSLTLS, SSH Compatible Integration ONVIF (Profile S, G, T), API Local & Network Storage Micro-SD, up to 256GB; ANR Network RJ45, 10M/100M Base-TX Ethernet Line Crossing, Intrusion Revention Technology for False Alarm Prevention General Power 12VDC +/- 25%, PoE (IEEE802.3 af); Max 10.5W Dimensions (L x W x H) & Weight 191 x 75 x 74mm (7.5 x 3 x 2.9"); 0.41kg (0.91b) Audio 1/1, w/ built-in Mic & Speaker; G.711 Adjustment Range Pan: 0"~360" Tilt: 0" ~90" Rotation: 0"~360" Operating Temperature & Horizone Percention Technolenging) Conformity Certifications	Camera	
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Day/Night IR-cut filter with auto switch (ICR) Digital noise reduction 2D/3D DNR IR LED Range Up to 30m (98 ft) IR range WDR 120dB Video Compression Ultra 265, H.265, H.264, MJPEG H.264 code profile Baseline profile, Main Profile, High Profile Main: 8MP (3840 ×2160) @ 20 fps Sub: 1080P (1920 × 1080): @ 30 fps Third Stream: D1 (720 × 576) @ 30fps HLC, BLC, 9:16 Corridor, Defog, Flip, De-Warping, Alarm Light OSD, Privacy Mask, Motion Detection & ROI Network Protocols IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPOE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS, RTMP, SSL/TLS, SSH Compatible Integration ONVIF (Profile S, G, T), API Local & Network Storage Micro-SD, up to 256GB; ANR Network RJ45, 10M/100M Base-TX Ethernet Line Crossing, Intrusion & Leave Area detection w/ Smart Intrusion Prevention Technology for False Alarm Prevention General Power 12VDC +/- 25%, PoE (IEEE802.3 af); Max 10.5W Dimensions (L x W x H) & Weight 191 × 75 × 74mm (7.5 × 3 × 2.9"); 0.41kg (0.91b) Audio 1/1, w/ built-in Mic & Speaker; G.711 Adjustment Range Pan: 0°~360° Tilt: 0° ~ 90° Rotation: 0°~360° Operating Temperature & Humidity 95% RH (non-condensing)		
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WDR 120dB Video Compression Ultra 265, H.264, MJPEG H.264 code profile Baseline profile, Main Profile, High Profile Main: 8MP (3840 ×2160) @ 20 fps Sub: 1080P (1920 x 1080): @ 30 fps Third Stream: D1 (720 × 576) @ 30fps Supported HLC, BLC, 9:16 Corridor, Defog, Flip, De-Warping, Alarm Light OSD, Privacy Mask, Motion Detection & ROI Network Protocols Protocols IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS, RTMP, SSL/TLS, SSH Compatible Integration Local & Network Storage Network RJ45, 10M/100M Base-TX Ethernet Line Crossing, Intrusion & Leave Area detection w/ Smart Intrusion Prevention Technology for False Alarm Prevention General Power 12VDC +/- 25%, PoE (IEEE802.3 af); Max 10.5W Dimensions (L x W x H) & Weight 191 × 75 × 74mm (7.5 × 3 × 2.9"); 0.41kg (0.9lb) Audio 1/1, w/ built-in Mic & Speaker; G.711 Adjustment Range Pan: 0°~360° Tilt: 0° ~ 90° Rotation: 0°~360° Operating Temperature & -30°C ~ +60°C (-22°F ~ 140°F); Humidity: 10%~ 95% RH (non-condensing)	Day/Night	IR-cut filter with auto switch (ICR)
Video Compression Video Compression Ultra 265, H.264, MJPEG H.264 code profile Baseline profile, Main Profile, High Profile Main: 8MP (3840 ×2160) @ 20 fps Sub: 1080P (1920 × 1080): @ 30 fps Third Stream: D1 (720 × 576) @ 30fps Supported Up to 8 areas Vertical Supported Protocols Protocolos Protocolos Protocolos Protocolos Protocolos	Digital noise reduction	2D/3D DNR
Video Compression Ultra 265, H.264, MJPEG H.264 code profile Baseline profile, Main Profile, High Profile Main: 8MP (3840 ×2160) @ 20 fps Sub: 1080P (1920 x 1080): @ 30 fps Third Stream: D1 (720 × 576) @ 30fps Third Stream: D1 (720 × 576) @ 30fps Supported OSD, Privacy Mask, Motion Detection & ROI Network Protocols IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS ,RTMP, SSL/TLS, SSH Compatible Integration ONVIF (Profile S, G, T), API Local & Network Storage Micro-SD, up to 256GB; ANR Network RJ45, 10M/100M Base-TX Ethernet Line Crossing, Intrusion & Leave Area detection w/ Smart Intrusion Prevention Technology for False Alarm Prevention General Power 12VDC +/- 25%, PoE (IEEE802.3 af); Max 10.5W Dimensions (L x W x H) & Weight Audio 1/1, w/ built-in Mic & Speaker; G.711 Adjustment Range Pan: 0°~360° Tilt: 0° ~90° Rotation: 0°~360° -30°C ~ +60°C (-22°F ~ 140°F); Humidity: 10%~ 95% RH (non-condensing)	IR LED Range	Up to 30m (98 ft) IR range
H.264 code profile Baseline profile, Main Profile, High Profile Main: 8MP (3840 ×2160) @ 20 fps Sub: 1080P (1920 × 1080): @ 30 fps Third Stream: D1 (720 × 576) @ 30fps HLC, BLC, 9:16 Corridor, Defog, Flip, De-Warping, Alarm Light OSD, Privacy Mask, Motion Detection & ROI Network IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS,RTMP, SSL/TLS, SSH Compatible Integration ONVIF (Profile S, G, T), API Local & Network Storage Micro-SD, up to 256GB; ANR Network R145, 10M/100M Base-TX Ethernet Line Crossing, Intrusion & Leave Area detection w/ Smart Intrusion Prevention Technology for False Alarm Prevention General Power 12VDC +/- 25%, PoE (IEEE802.3 af); Max 10.5W Dimensions (L x W x H) & Weight 1/1, w/ built-in Mic & Speaker; G.711 Adjustment Range Pan: 0°~360° Tilt: 0° ~ 90° Rotation: 0°~360° Operating Temperature & -30°C ~ +60°C (-22°F ~ 140°F); Humidity: 10%~ 95% RH (non-condensing)	WDR	120dB
Main: 8MP (3840 ×2160) @ 20 fps Sub: 1080P (1920 x 1080): @ 30 fps Third Stream: D1 (720 × 576) @ 30fps HLC, BLC, 9:16 Corridor, Defog, Flip, De-Warping, Alarm Light OSD, Privacy Mask, Motion Detection & ROI Network IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS, RTMP, SSL/TLS, SSH Compatible Integration ONVIF (Profile S, G, T), API Local & Network RJ45, 10M/100M Base-TX Ethernet Intelligent Perimeter Protection General Power 12VDC +/- 25%, PoE (IEEE802.3 af); Max 10.5W Dimensions (L x W x H) & Weight 191 × 75 × 74mm (7.5 × 3 × 2.9"); 0.41kg (0.9lb) Audio 1/1, w/ built-in Mic & Speaker; G.711 Adjustment Range Pan: 0°~360° Tilt: 0° ~ 90° Rotation: 0°~360° Operating Temperature & Humidity 95% RH (non-condensing)	Video Compression	Ultra 265, H.265, H.264, MJPEG
Sub: 1080P (1920 x 1080): @ 30 fps Third Stream: D1 (720 × 576) @ 30fps HLC, BLC, 9:16 Corridor, Defog, Flip, De-Warping, Alarm Light OSD, Privacy Mask, Motion Detection & ROI Network Protocols Pv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS, RTMP, SSL/TLS, SSH Compatible Integration ONVIF (Profile S, G, T), API Local & Network RJ45, 10M/100M Base-TX Ethernet Line Crossing, Intrusion & Leave Area detection w/ Smart Intrusion Prevention Technology for False Alarm Prevention General Power 12VDC +/- 25%, PoE (IEEE802.3 af); Max 10.5W Dimensions (L x W x H) & Weight 1/ 1, w/ built-in Mic & Speaker; G.711 Adjustment Range Pan: 0°~360° Tilt: 0° ~90° Rotation: 0°~360° Operating Temperature & Humidity -30°C ~ +60°C (-22°F ~ 140°F); Humidity: 10%~ 95% RH (non-condensing)	H.264 code profile	Baseline profile, Main Profile, High Profile
HLC, BLC, 9:16 Corridor, Defog, Flip, De-Warping, Alarm Light OSD, Privacy Mask, Motion Detection & ROI Network Protocols IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS, RTMP, SSL/TLS, SSH Compatible Integration ONVIF (Profile S, G, T), API Local & Network Storage Micro-SD, up to 256GB; ANR Network RJ45, 10M/100M Base-TX Ethernet Line Crossing, Intrusion & Leave Area detection w/ Smart Intrusion Prevention Technology for False Alarm Prevention General Power 12VDC +/- 25%, PoE (IEEE802.3 af); Max 10.5W Dimensions (L x W x H) & Weight 191 × 75 × 74mm (7.5 × 3 × 2.9"); 0.41kg (0.9lb) Audio 1/1, w/ built-in Mic & Speaker; G.711 Adjustment Range Pan: 0°~360° Tilt: 0° ~ 90° Rotation: 0°~360° Operating Temperature & Humidity -30°C ~ +60°C (-22°F ~ 140°F); Humidity: 10%~ 95% RH (non-condensing)	Maximum Frame Rate / Stream	Sub: 1080P (1920 x 1080): @ 30 fps
Protocols Pv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS, RTMP, SSL/TLS, SSH Compatible Integration ONVIF (Profile S, G, T), API	=	Supported
Protocols IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS, RTMP, SSL/TLS, SSH Compatible Integration ONVIF (Profile S, G, T), API Local & Network Storage Micro-SD, up to 256GB; ANR Network RJ45, 10M/100M Base-TX Ethernet Line Crossing, Intrusion & Leave Area detection w/ Smart Intrusion Prevention Technology for False Alarm Prevention General Power 12VDC +/- 25%, PoE (IEEE802.3 af); Max 10.5W Dimensions (L x W x H) & Weight 191 x 75 x 74mm (7.5 x 3 x 2.9"); 0.41kg (0.9lb) Audio 1/1, w/ built-in Mic & Speaker; G.711 Adjustment Range Pan: 0°~360° Tilt: 0° ~ 90° Rotation: 0°~360° Operating Temperature & -30°C ~ +60°C (-22°F ~ 140°F); Humidity: 10%~ 95% RH (non-condensing)	·	Up to 8 areas
RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS, RTMP, SSL/TLS, SSH Compatible Integration ONVIF (Profile S, G, T), API Local & Network Storage Micro-SD, up to 256GB; ANR Network RJ45, 10M/100M Base-TX Ethernet Line Crossing, Intrusion & Leave Area detection w/ Smart Intrusion Prevention Technology for False Alarm Prevention General Power 12VDC +/- 25%, PoE (IEEE802.3 af); Max 10.5W Dimensions (L x W x H) & Weight 1/1, w/ built-in Mic & Speaker; G.711 Adjustment Range Pan: 0°~360° Tilt: 0° ~ 90° Rotation: 0°~360° Operating Temperature & -30°C ~ +60°C (-22°F ~ 140°F); Humidity: 10%~ 95% RH (non-condensing)	Network	
Network Network RJ45, 10M/100M Base-TX Ethernet Line Crossing, Intrusion & Leave Area detection w/ Smart Intrusion Prevention Technology for False Alarm Prevention General Power 12VDC +/- 25%, PoE (IEEE802.3 af); Max 10.5W Dimensions (L x W x H) & Weight Audio 1/1, w/ built-in Mic & Speaker; G.711 Adjustment Range Pan: 0°~360° Tilt: 0° ~ 90° Rotation: 0°~360° Operating Temperature & -30°C ~ +60°C (-22°F ~ 140°F); Humidity: 10%~ Humidity 95% RH (non-condensing)	Protocols	RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS ,RTMP,
Network RJ45, 10M/100M Base-TX Ethernet Line Crossing, Intrusion & Leave Area detection w/ Smart Intrusion Prevention Technology for False Alarm Prevention General Power 12VDC +/- 25%, PoE (IEEE802.3 af); Max 10.5W Dimensions (L x W x H) & Weight 191 x 75 x 74mm (7.5 x 3 x 2.9"); 0.41kg (0.9lb) Audio 1/1, w/ built-in Mic & Speaker; G.711 Adjustment Range Pan: 0°~360° Tilt: 0° ~ 90° Rotation: 0°~360° Operating Temperature & -30°C ~ +60°C (-22°F ~ 140°F); Humidity: 10%~ Humidity 95% RH (non-condensing)	Compatible Integration	ONVIF (Profile S, G, T), API
Intelligent Perimeter ProtectionLine Crossing, Intrusion & Leave Area detection w/ Smart Intrusion Prevention Technology for False Alarm PreventionGeneralPower 12VDC +/- 25%, PoE (IEEE802.3 af); Max 10.5WDimensions (L x W x H) & Weight $191 \times 75 \times 74\text{mm}$ (7.5 × 3 × 2.9"); 0.41kg (0.9lb)Audio $1/1$, w/ built-in Mic & Speaker; G.711Adjustment RangePan: 0° ~360° Tilt: 0° ~ 90° Rotation: 0° ~360°Operating Temperature & Humidity $-30^{\circ}\text{C} \sim +60^{\circ}\text{C}$ (-22°F ~ 140°F); Humidity: 10% ~ 95% RH (non-condensing)	Local & Network Storage	Micro-SD, up to 256GB; ANR
Intelligent Perimeter Protection w/ Smart Intrusion Prevention Technology for False Alarm Prevention General Power $12VDC +/- 25\%$, PoE (IEEE802.3 af); Max 10.5W Dimensions (L x W x H) & Weight $191 \times 75 \times 74 \text{mm} (7.5 \times 3 \times 2.9'')$; 0.41kg (0.9lb) Audio $1/1$, w/ built-in Mic & Speaker; G.711 Adjustment Range Pan: $0^{\circ}\sim 360^{\circ}$ Tilt: $0^{\circ}\sim 90^{\circ}$ Rotation: $0^{\circ}\sim 360^{\circ}$ Operating Temperature & $-30^{\circ}C \sim +60^{\circ}C (-22^{\circ}F \sim 140^{\circ}F)$; Humidity: $10\%\sim 95\%$ RH (non-condensing)	Network	RJ45, 10M/100M Base-TX Ethernet
Power $12 \text{VDC +/- 25\%, PoE (IEEE802.3 af); Max 10.5W}$ Dimensions (L x W x H) & Weight $191 \times 75 \times 74 \text{mm } (7.5 \times 3 \times 2.9''); 0.41 \text{kg } (0.91 \text{b})$ Audio $1/1, \text{ w/ built-in Mic & Speaker; G.711}$ Adjustment Range $Pan: 0^{\circ} \sim 360^{\circ} \text{Tilt: } 0^{\circ} \sim 90^{\circ} \text{Rotation: } 0^{\circ} \sim 360^{\circ}$ Operating Temperature & $-30^{\circ} \text{C} \sim +60^{\circ} \text{C } (-22^{\circ} \text{F} \sim 140^{\circ} \text{F}); \text{ Humidity: } 10\% \sim 95\% \text{ RH } (\text{non-condensing)}$	Intelligent Perimeter Protection	w/ Smart Intrusion Prevention Technology for
Dimensions (L x W x H) & Weight $ 191 \times 75 \times 74 \text{mm } (7.5 \times 3 \times 2.9''); \ 0.41 \text{kg } (0.91 \text{b}) $ Audio $ 1/1, \text{ w/ built-in Mic & Speaker; G.711} $ Adjustment Range $ \text{Pan: } 0^{\circ} \sim 360^{\circ} \text{Tilt: } 0^{\circ} \sim 90^{\circ} \text{Rotation: } 0^{\circ} \sim 360^{\circ} $ Operating Temperature & $ -30^{\circ} \text{C} \sim +60^{\circ} \text{C } (-22^{\circ} \text{F} \sim 140^{\circ} \text{F}); \text{ Humidity: } 10\% \sim 95\% \text{ RH (non-condensing)} $	General	
Audio 1 / 1, w/ built-in Mic & Speaker; G.711 Adjustment Range Pan: 0°~360° Tilt: 0° ~ 90° Rotation: 0°~360° Operating Temperature & -30°C ~ +60°C (-22°F ~ 140°F); Humidity: 10%~ Humidity 95% RH (non-condensing)	Power	12VDC +/- 25%, PoE (IEEE802.3 af); Max 10.5W
Adjustment Range Pan: 0° ~360° Tilt: 0° ~ 90° Rotation: 0° ~360° Operating Temperature & -30° C ~ $+60^{\circ}$ C (-22° F ~ 140° F); Humidity: 10% ~ Humidity 95% RH (non-condensing)	Dimensions (L x W x H) & Weight	191 × 75 × 74mm (7.5 × 3 × 2.9"); 0.41kg (0.9lb)
Operating Temperature & -30°C ~ +60°C (-22°F ~ 140°F); Humidity: 10%~ Humidity 95% RH (non-condensing)	Audio	1 / 1, w/ built-in Mic & Speaker; G.711
Humidity 95% RH (non-condensing)	Adjustment Range	Pan: 0°~360° Tilt: 0° ~ 90° Rotation: 0°~360°
Conformity Certifications IP67, CE, FCC	1 ' ' '	, , , , , , , , , , , , , , , , , , , ,
	Conformity Certifications	IP67, CE, FCC

Dimensions







Accessories

See Camera Accessories Guide

