

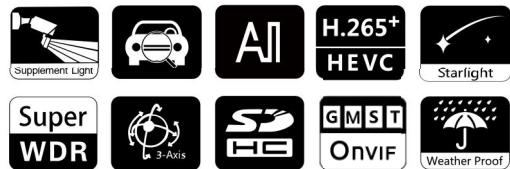
AI Road Traffic Supplement Light Pro Bullet Plus Camera

Supplement Light

AF Lens



DATASHEET



KEY FEATURES

- Superior Image Quality (Starlight Sensor, Smart IR II Technology, 4K Video Viewing Experience and high frame rate are supported for an excellent image quality.)
- Evidence Camera Linkage (Link with any regular cameras to capture the overview snapshots as evidence.)
- LPR Smart Search (Relevant videos can be found quickly by searching for only a portion of the target suspect vehicle's features, such as vehicle type & color, plate color, plate number and etc.)

Traffic Violation Detection

AI-based road traffic cameras accurately detect and alert violation events such as No-plate Vehicle Detection, Specific Lane Detection, Reverse Driving Detection, Black/White List Detection and Vehicle Event Detection based on recognized vehicle features.



Traffic Flow Statistics

Traffic flow statistics greatly enhance traffic management capabilities. The vehicle counting result based on vehicle type, vehicle make and various vehicle features can be shown intuitively in camera's live view and the camera can also generate useful report insights to aid in improved decision-making.



Intelligent AI-powered LPR Algorithm

The AI Road Traffic Supplement Light Pro Bullet Plus Camera can not only recognize vehicle plates in real time, but also identify more vehicle features, like vehicle type, color, etc., generating reliable traffic insights to improve safety and mobility.



Integrated Supplement Light

Integrated with supplement light of IR LED Light, AI Road Traffic Supplement Light Pro Bullet Plus Camera could turn on and off the supplement light, and change the luminance of the supplement lighting automatically, achieving a flexible way for the monitoring control.



AI Road Traffic Supplement Light Pro Bullet Plus Camera



	Name	TS4466-X4RIWG1 (4MP)
Camera	Image Sensor	1/1.8" Progressive Scan CMOS
	Min. Illumination	Color: 0.005Lux@F1.6 B/W: 0Lux with IR on
	WDR	Support
	Shutter Time	1/100000s~1s
	Day/Night Mode	Day/Night/Auto/Schedule
	S/N	>55dB
Lens	Lens	8~32mm, 4X Optical Zoom
	Field of View	H44°~H13°/D51°~D15°/V25°~V7°
	Mount	Φ14
	Focus Control	Auto/Manual
	Aperture	F1.6~F1.7
	P-Iris	Support
Road Traffic Management	Iris Control	Auto
	Max. Vehicle Speed	160km/h
	Capture Rate	99%
	Recognition Accuracy	98%
	Coverage	2 lanes
	Country Region Supported	More than 80 countries and regions
	ANPR Distance	Up to 40m
	Attributes Identification	Plate Color, Vehicle Type, Vehicle Color, Vehicle Brand, No-plate Vehicle Capture, Vehicle Direction Detection <small>* Vehicle Color and Plate Color identification are not supported in low-light or night conditions.</small>
	Smart Traffic Function	Evidence Camera Linkage, Specific Lane Management, Vehicle Classification & Counting
	White/Black List	Up to 20,000 records inside the camera
Illuminator	LPR Smart Search	Support
	Supplement Light	IR LED
	IR Wave Length	850nm
	Light Bead	12
	Illumination Distance	Up to 50 m
	Light Control	Auto/Customize

AI Road Traffic Supplement Light Pro Bullet Plus Camera



Interface	Ethernet	1*RJ45 10M/100M Ethernet Port
	Audio I/O	1/1
	Alarm Input	2
	Alarm Output	2 (1 relay output; 1 open collector output, max. 12V DC/10mA)
	Wiegand	1
	RS485	1
Video	Max. Image Resolution	2688x1520
	Primary Stream	60Hz: 60fps@(2688x1520, 2304x1296, 1920x1080, 1280x720) 50Hz: 50fps@(2688x1520, 2304x1296, 1920x1080, 1280x720)
	Secondary Stream	60Hz: 60fps@(704x576, 640x480, 640x360, 352x288, 320x240) 50Hz: 50fps@(704x576, 640x480, 640x360, 352x288, 320x240)
	Tertiary Stream	60Hz: 30fps@(1920x1080, 1280x720, 704x576, 640x480, 640x360, 352x288, 320x240) 50Hz: 25fps@(1920x1080, 1280x720, 704x576, 640x480, 640x360, 352x288, 320x240)
	Video Compression	H.265 ⁺ /H.265(HEVC)/H.264 ⁺ /H.264/MJPEG
	Video Bit Rate	16Kbps~16Mbps (CBR/VBR Adjustable)
	Privacy Masking	Up to 8 Areas (Mask Area and Mosaic Area are optional)
	ROI	Up to 8 areas
Network	Image Setting	Brightness/Contrast/Sharpness
	Network Storage	NAS(Support NFS, SMB/CIFS), ANR
Audio	Protocol	IPv4/IPv6, ARP, TCP, UDP, RTCP, RTP, RTSP, RTMP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, Bonjour, SIP, PPPoE, VLAN, 802.1x, QoS, IGMP, ICMP, SSL
	Audio Compression	G.711/AAC/G.722/G.726
	Audio Sampling Rate	8/16/32/44.1/48KHz
	Audio Bit Rate	16~256kbps
System	Two-way Audio	Support
	System Compatibility	API, MQTT, HTTP, TCP, ONVIF Profile G & M & S & T
	Storage	Support microSD/SDHC/SDXC Card Local Storage, up to 1TB
	Advanced Function	BLC, HLC, 2D DNR, 3D DNR, Defog, AWB, IP Address Filtering, AGC, Anti-flicker, Corridor Mode, Deblur, Watermark
	SIP/VoIP Support	Yes, Voice & Video-over-IP
	Event Trigger	Black/White List, Attributes Event, Motion Detection, Network Disconnection, External Input, Audio Alarm, etc.
General	Event Action	FTP Upload, SMTP Upload, SD Card Record, External Output, SIP Phone, HTTP Notification, etc
	Working Temperature	-40°C~60°C
	Working Humidity	0~95%(Non-condensing)
	Power Supply	DC 12~28V
	Power Consumption	Min.: 4.1W Max.: 27W

AI Road Traffic Supplement Light Pro Bullet Plus Camera



General	Weather Proof	Up to IP67-rated for Weather-resistant Performance
	Surge Protection	4KV
	Weight	1445.8g 2100g (With Supplement Light)
	Dimensions	346mmX134mmX223mm
	Warranty	3 Years (5 Years Optional)
Certifications	EMC	CE-EMC (EN 55032, EN 55035), FCC (PART 15B), RCM-EMC (AS/NZS CISPR 32:2015+A1(2020))
	Safety	CE-LVD (EN IEC 62368-1), RCM-LVD (IEC 62368-1:2018)
	Environment	CE-ROHS (Directive (EU) 2015/863 amending 2011/65/EU)

AI Road Traffic Supplement Light Pro Bullet Plus Camera



		TS8266-X4RIWG1 (4K)
Camera	Image Sensor	1/1.8" Progressive Scan CMOS
	Min. Illumination	Color: 0.009Lux@F1.6 B/W: 0Lux with IR on
	Shutter Time	1/100000s~1s
	Day/Night Mode	Day/Night/Auto/Schedule
	S/N	>55dB
Lens	Lens	8~32mm, 4X Optical Zoom
	Field of View	H44°~H13°/D51°~D15°/V25°~V7°
	Mount	Φ14
	Focus Control	Auto/Manual
	Aperture	F1.6~F1.7
	P-Iris	Support
	Iris Control	Auto
Road Traffic Management	Max. Vehicle Speed	120km/h
	Capture Rate	99%
	Recognition Accuracy	98%
	Coverage	3 lanes
	Country Region Supported	More than 80 countries and regions
	ANPR Distance	Up to 50m
	Attributes Identification	Plate Color, Vehicle Type, Vehicle Color, Vehicle Brand, No-plate Vehicle Capture, Vehicle Direction Detection * Vehicle Color and Plate Color identification are not supported in low-light or night conditions.
	Smart Traffic Function	Evidence Camera Linkage, Specific Lane Management, Vehicle Classification & Counting
	White/Black List	Up to 20,000 records inside the camera
Illuminate	LPR Smart Search	Support
	Supplement Light	IR LED
	IR Wave Length	850nm
	Light Bead	12
	Illumination Distance	Up to 60 m
Light Control	Light Control	Auto/Customize

AI Road Traffic Supplement Light Pro Bullet Plus Camera



Interface	Ethernet	1*RJ45 10M/100M Ethernet Port
	Audio I/O	1/1
	Alarm Input	2
	Alarm Output	2 (1 relay output; 1 open collector output, max. 12V DC/10mA)
	Wiegand	1
	RS485	1
Video	Max. Image Resolution	3840x2160
	Primary Stream	60Hz: 60fps@(3840x2160, 3072x2048, 2592x1944, 2592x1520, 2048x1536, 1920x1080, 1280x960, 1280x720) 50Hz: 50fps@(3840x2160, 3072x2048, 2592x1944, 2592x1520, 2048x1536, 1920x1080, 1280x960, 1280x720)
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	Image Setting	Brightness/Contrast/Sharpness
Network	Network Storage	NAS(Support NFS, SMB/CIFS), ANR
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Audio	Audio Compression	G.711/AAC/G.722/G.726
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System	System Compatibility	API, MQTT, HTTP, TCP, ONVIF Profile G & M & S & T
	Storage	Support microSD/SDHC/SDXC Card Local Storage, up to 1TB
	Advanced Function	BLC, HLC, 2D DNR, 3D DNR, Defog, AWB, IP Address Filtering, AGC, Anti-flicker, Corridor Mode, Deblur, Watermark
	SIP/VoIP Support	Yes, Voice & Video-over-IP
	Event Trigger	Black/White List, Attributes Event, Motion Detection, Network Disconnection, External Input, Audio Alarm, etc.
	Event Action	FTP Upload, SMTP Upload, SD Card Record, External Output, SIP Phone, HTTP Notification, etc
General	Working Temperature	-40°C~60°C
	Working Humidity	0~95%(Non-condensing)
	Power Supply	DC 12~28V
	Power Consumption	Min.: 5.3W Max.: 28.3W
	Weather Proof	Up to IP67-rated for Weather-resistant Performance

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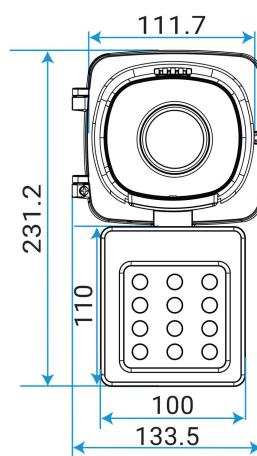
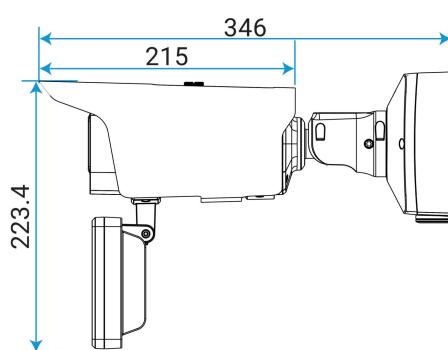
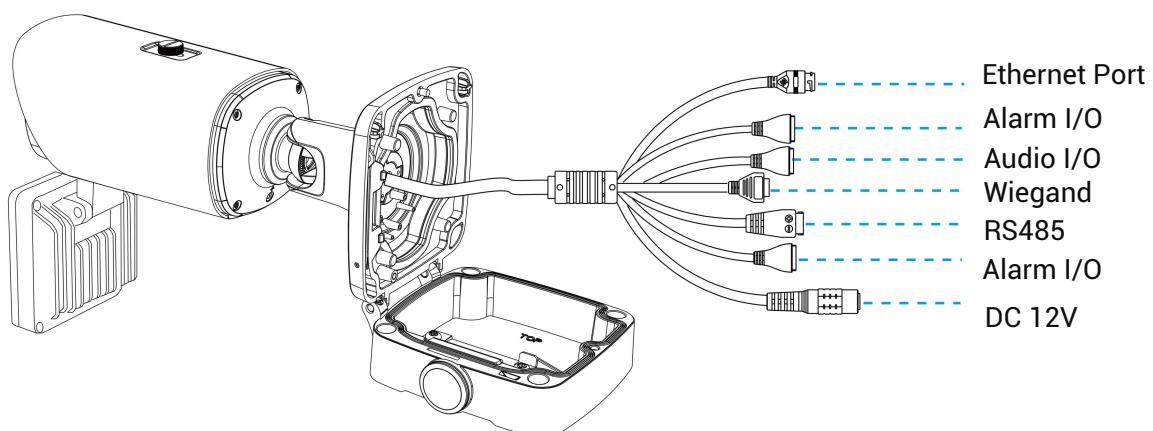
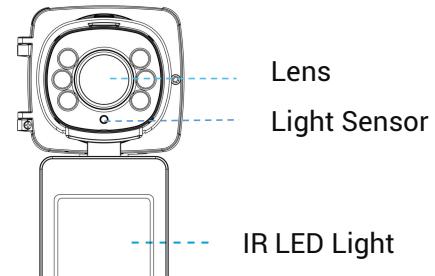
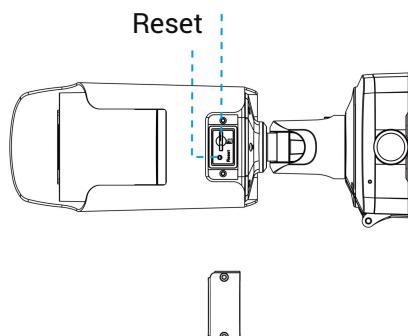


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Structure Diagrams

microSD/SDHC/SDXC Card Slot



Accessories Support

A02 V2 Pole Mount

Weight: 1kg

Dimensions: 180*136*46mm



A03 External Corner Bracket

Weight: 900g

Dimensions: 170*152.5*76.3mm

