AI Road Traffic Pro Bullet Plus Camera

	Name	TS4466-X4RPE (4MP)	TS2966-X12TPE (2MP)	TS5366-X12PE (5MP)
Camera	Image Sensor	1/1.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	
	Min. Illumination	Color: 0.005Lux@F1.6 B/W: 0Lux with IR on	Color: 0.008Lux@F1.6 B/W: 0Lux with IR on	
	WDR	120dB Super WDR		
	Shutter Time	1/100000s~1s		
	Day/Night Mode	Day/Night/Auto/Customize/Schedule		
	IR Wave Length	850nm (Default); 740nm (Optional)		
	Illumination Distance	Up to 180m		
	S/N	>55dB		
Lens	Lens	Motorized 2.7~13.5mm@F1.4	5.3~64mm, 12X Optical Zoom	
	Field of View	H111°~H34°/D130°~D39°/V60°~V19°	H61°~H5°/D69°~D5°/V36°~V2°	H57°~H4°/D69°~D5°/V44°~V1°
	Mount	Φ14		
	Focus Control	Auto/Manual		
	Aperture	F1.4	F1.6~F2.8	
	Iris Control	Auto		
Road Traffic Management	Max. Vehicle Speed	120km/h		
	Recognition Accuracy	>95%		
	Coverage	2 lanes		
	Country Region Supported	More than 80 countries and regions		
	ANPR Distance	Up to 95m during the day; Up to 45m during the night with illumination	Up to 110m during the day; Up to 55m during the night with illumination	Up to 150m during the day; Up to 80m during the night with illumination
	Attributes Identification	Plate Color, Vehicle Type, Vehicle Color, Vehicle Brand, No-plate Vehicle Capture, Vehicle Direction Detection		
	Smart Traffic Function	Evidence Camera Linkage, Specific Lane Management		
	White/Black List	Up to 20,000 records inside the camera		
	LPR Smart Search	Support		
Interface	Ethernet	1*RJ45 10M/100M Ethernet Port		
	Audio I/O	1/1		
	Alarm I/O	1/1 (Integrated Cable Version) 2/2 (Cable Out Version)		
Video	Max. Image Resolution	2688x1520	1920x1080	2592x1944
	Primary Stream	60Hz: 60fps@(2688x1520, 2304x1296, 1920x1080, 1280x720) 50Hz: 50fps@(2688x1520, 2304x1296, 1920x1080, 1280x720)	60Hz/50Hz: 90fps@(1920x1080, 1280x960, 1280x720, 704x576)	60Hz: 30fps@(2592x1944, 2592x1520, 2048x1536, 1920x1080, 1280x960, 1280x720, 704x576) 50Hz: 25fps@(2592x1944, 2592x1520, 2048x1536, 1920x1080, 1280x960, 1280x720, 704x576)

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Video	Secondary Stream	60Hz: 60fps@(704x576, 640x480, 640x360, 352x288, 320x240) 50Hz: 50fps@(704x576, 640x480, 640x360, 352x288, 320x240)	60Hz: 30fps@(704x576, 640x480, 640x360, 352x288, 320x240) 50Hz: 25fps@(704x576, 640x480, 640x360, 352x288, 320x240)
	Tertiary Stream	60Hz: 30fps@(1280x720, 704x576, 640x480, 640x360, 320x240) 50Hz: 25fps@(1280x720, 704x576, 640x480, 640x360, 320x240)	60Hz: 30fps@(1920x1080, 1280x720, 704x576, 640x480, 640x360, 320x240) 50Hz: 25fps@(1920x1080, 1280x720, 704x576, 640x480, 640x360, 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	
	Image Setting	Brightness/Contrast/Saturation/Sharpness	
Network	Network Storage	NAS(Support NFS, SMB/CIFS), ANR	
	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	Audio Compression	G.711/AAC/G.722/G.726	
	Audio Sampling Rate	8/16/32/44.1/48KHz	
	Audio Bit Rate	16~256kbps	
	Two-way Audio	Support	
System	System Compatibility	API, 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℃~60℃		
	Working Humidity	5~90%(Non-condensing)		
	Power Supply	PoE (802.3at) / DC 12V±10%		
	Power Consumption	8W MAX 13W MAX (With IR on)	8W MAX 14W MAX (With IR on)	8W MAX 13W MAX (With IR on)
	Weather Proof	Up to IP67-rated for Weather-resistant Performance		
	Housing	Vandal-proof IK10-rated Metal Housing		
	Surge Protection	4KV		
	Weight	1623g		
	Dimensions	320mmX134mmX171mm		
	Warranty	3/5 Years		

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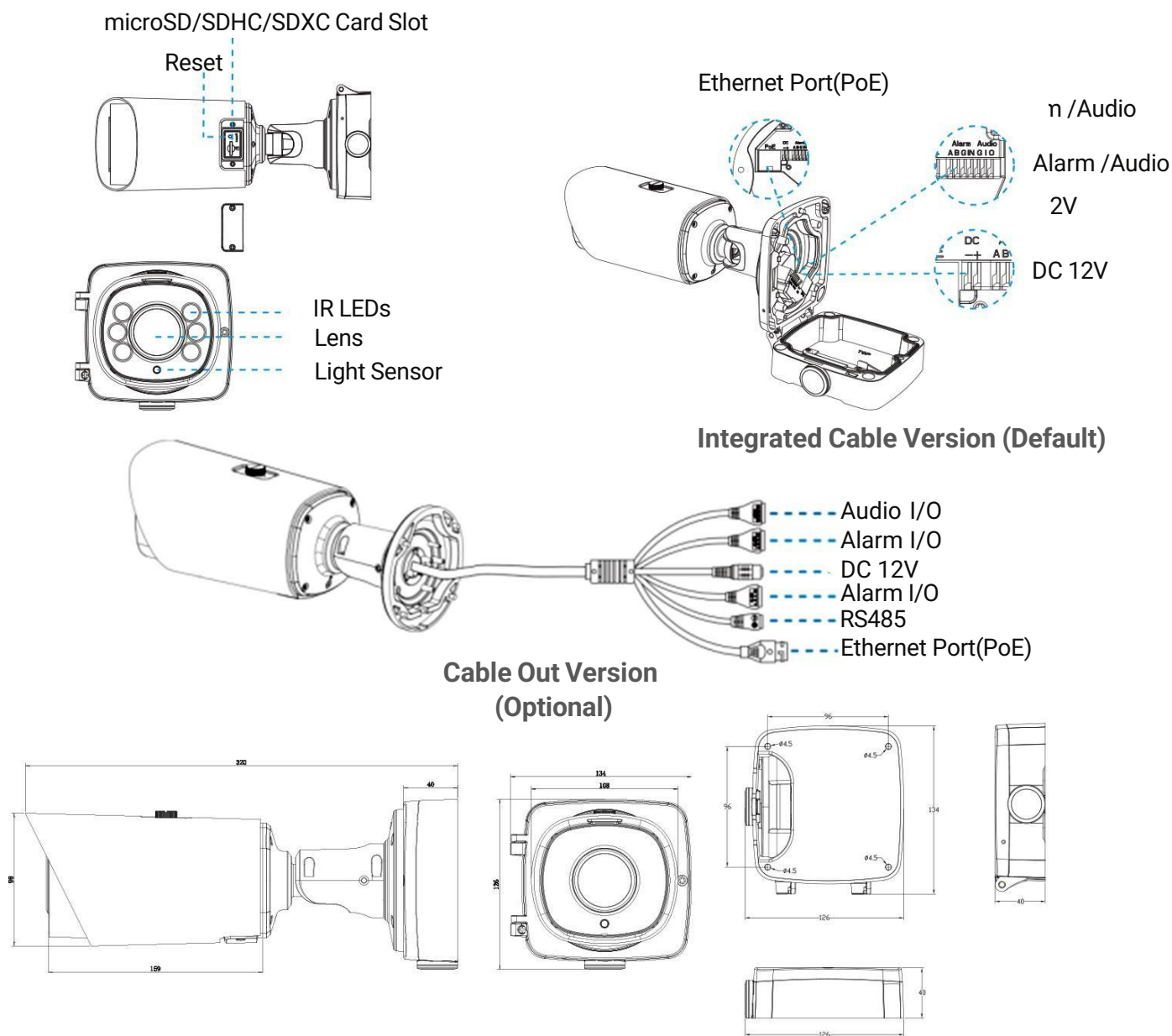| Name	TS8266-X4PE (4K)
Camera	
Image Sensor	1/1.8" Progressive Scan CMOS
Min. Illumination	Color: 0.009Lux@F1.6 B/W: 0Lux with IR on
WDR	120dB Super WDR
Shutter Time	1/100000s~1s
Day/Night Mode	Day/Night/Auto/Customize/Schedule
IR Wave Length	850nm (Default); 740nm (Optional)
Illumination Distance	Up to 180m
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
Iris Control	Auto
Road Traffic Management	
Max. Vehicle Speed	120km/h
Recognition Accuracy	>95%
Coverage	2 lanes
Country Region Supported	More than 80 countries and regions
ANPR Distance	Up to 130m during the day; Up to 60m during the night with illumination
Attributes Identification	Plate Color, Vehicle Type, Vehicle Color, Vehicle Brand, No-plate Vehicle Capture, Vehicle Direction Detection
Smart Traffic Function	Evidence Camera Linkage, Specific Lane Management
White/Black List	Up to 20,000 records inside the camera
LPR Smart Search	Support
Interface	
Ethernet	1*RJ45 10M/100M Ethernet Port
Audio I/O	1/1
Alarm I/O	1/1 (Integrated Cable Version) 2/2 (Cable Out Version)
Video	
Max. Image Resolution	3840x2160
Primary Stream	60Hz: 30fps@(3840x2160, 3072x2048, 2592x1944, 2592x1520, 2048x1536, 1920x1080, 1280x960, 1280x720, 704x576) 50Hz: 25fps@(3840x2160, 3072x2048, 2592x1944, 2592x1520, 2048x1536, 1920x1080, 1280x960, 1280x720, 704x576)
Secondary Stream	60Hz: 60fps@(704x576, 640x480, 640x360, 352x288, 320x240) 50Hz: 50fps@(704x576, 640x480, 640x360, 352x288, 320x240)
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	Video Bit Rate	16Kbps~16Mbps(CBR/VBR Adjustable)
	Privacy Masking	Up to 8 Areas (Mask Area and Mosaic Area are optional)
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Audio	Audio Compression	G.711/AAC/G.722/G.726
	Audio Sampling Rate	8/16/32/44.1/48KHz
	Audio Bit Rate	16~256kbps
	Two-way Audio	Support
System	System Compatibility	API, 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.
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General	Working Temperature	-40℃~60℃
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	Power Supply	PoE (802.3at) / DC 12V±10%
	Power Consumption	9W MAX 13W MAX (With IR on)
	Weather Proof	Up to IP67-rated for Weather-resistant Performance
	Housing	Vandal-proof IK10-rated Metal Housing
	Surge Protection	4KV
	Weight	1623g
	Dimensions	320mmX134mmX171mm
	Warranty	3/5 Years

Structure Diagrams

microSD/SDHC/SDXC Card Slot

Reset

Ethernet Port(PoE)

n /Audio

Alarm /Audio

2V

DC 12V

IR LEDs
Lens
Light Sensor

Integrated Cable Version (Default)

Audio I/O
Alarm I/O
DC 12V
Alarm I/O
RS485
Ethernet Port(PoE)

**Cable Out Version
(Optional)**

Units: mm

Accessories Support