Milesight

Road Traffic Management



INTRODUCTION

Milesight Road Traffic Management Camera combines video surveillance with AI, ANPR, 3D Radar and other cutting-edge technologies helps traffic management agencies systematically and intelligently monitor and understand road users' behavior and gain valuable insights based on real-time data to optimize traffic flow, minimize accident risks, and respond to emergencies more efficiently. It can be widely used in urban public security management systems, which can significantly improve management efficiency and make traffic smarter, safer and smoother.

AI Road Traffic Radar

Pro Bullet Plus Camera



Al Road Traffic Pro Bullet Plus Camera

- 4X Optical Zoom
- 1/2.8" STARVIS Starlight Sensor
- 100fps
- 3 in 1 Super WDR Pro 140dB
- Up to 30m Illumination Distance
- Smart IR II Technology
- IP67 & IK10
- Versatile Interfaces
- Integrated Cable Management



Advanced 3D Radar Technology

- Advanced 3D Rada
 4X Optical Zoom
- 4X Optical Zoom
 1/2" STARVIS Starlight Sensor
- 1/2 STARVISS
- 100fps
- 3 in 1 Super WDR Pro 140dB
- Up to 30m Illumination Distance
- Smart IR II Technology
- IP67
- Versatile Interfaces
- Easy Deployment and Compact Structure
- Integrated Cable Management

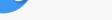


AI Road Traffic

PTZ Bullet Camera

- Flexible Pan, Tilt and Zoom Tasks
- 12X Optical Zoom1/2.8" STARVIS Starlight Sensor
- 1/2.8 STARVIS Starlight Sens
- 100fps
- 3 in 1 Super WDR Pro 140dB Up to 30m Illumination Distance
- Smart IR II Technology
- Intelligent White LED
- Smart PTZ Motion Detection
- IP66
- Keyboard Control

Al Road Traffic PTZ Bullet Plus Camera



- New-generation PTZ Motor
- Flexible Pan, Tilt and Zoom Tasks
- 5X Optical Zoom
- 1/2" STARVIS Starlight Sensor
- 100fps
- 3 in 1 Super WDR Pro 140dB
- Up to 30m Illumination Distance
- Smart IR II Technology
- Intelligent White LED
- Smart PTZ Motion Detection
- IP66
- Keyboard Control



Al Road Traffic Supplement Light Pro Bullet Plus Camera

DATASHEET

- Integrated Supplement Light
- Wiegand Protocol Supported
- 4X Optical Zoom
- 1/2" STARVIS Starlight Sensor
- 100fps
- 3 in 1 Super WDR Pro 140dB
- Up to 40m Illumination Distance
- Smart IR II Technology
- IP67
- Versatile Interfaces



Al Road Traffic Speed Dome Camera

- Smart Rain-Sensing Wiper (Optional)
- 36X Optical Zoom
- 1/2" STARVIS Starlight Sensor
- 100fps
- 3 in 1 Super WDR Pro 140dB
- Up to 50m Illumination Distance
- Smart IR II Technology
- Smart PTZ Motion Detection
- IP66
- Keyboard Control
- Versatile Interfaces
- Exquisite Design



Application of Milesight Traffic Solution

Advanced AI LPR Algorithm Improves Road Safety



No-plate Vehicle Capture

- · Real-time Detection of Vehicles without
- License Plates
- Capture Snapshot & Smart Search.



Speeding Detection (Only for Radar Models)



Specific Lane Management

- · Detection of Cars and Trucks Traveling or Parking in Bus Lanes
- Customize Permitted Vehicles & **Residence** Time



Reverse Driving Detection (Only for Radar Models)

Ideal for Traffic Flow Statistics and Analysis



Vehicle Counting Based on Vehicle Type

- Car/Motorcycle/Non-motor
- Small/Medium/Large Vehicle
- Various Vehicle Attributes



Intuitive Report

- The Vehicle Counting Results are Visually Displayed in The Live View Interface.
- Multiple Report Types including Line
- Chart and Pie Chart.



Parking Violation Detection

- · Real-time Capture of Violated Vehicles that Exceed the Set Time
- Smart Parking Search.



Black/White List Management



Vehicle Attributes Alarm based on Schedule

- Various Vehicle Attributes Recognition to Search & Locate Target Vehicles Faster.
- · Avoid Illegal Vehicles on the Road.
- · Locate Stolen & Abnormal Vehicles.

Evidence Capture Improves Enforcement Efficiency



Evidence Camera Linkage

- · Linking LPR Camera and Regular Camera for Evidence Capture.
- LPR Camera for License Plate Recognition and Linkage Triggering.
- Regular Camera for Full Snapshot of the Scene.



LPR Smart Search Function

- Real-time detection results
- · Detected time, live screenshot, license plate
- Search by Plate Color, Vehicle Type & Color, Speed, Direction, etc.
- · Manual Export & Auto Export.

Intelligent Plate Data Management Helps Enhance City Management



Black/White List Management

- · Add the license plates & Batch Upload.
- Black List/White List/Visitor Mode.
- · List Scheduling Management.
- · Set the alarm action for the plates.



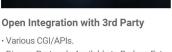
Stand alone LPR Solution • Built-in AL LPR Algorithm.

• Embedded Black & White Lists.



Closed-loop Back-end Integration

• Full Compatibility with Milesight Back-ends. · Completely Closed-loop ANPR Solutions.



 Diverse Protocols Available to Reduce Extra Human Labour (Wiegand, TCP, HTTP, etc.). Full Data Push.

License Plates Administration Backed by Intelligence

Improve Rode Safety and Enforcement Efficiency



Embedded AI LPR Algorithm



Al-based Vehicle Attributes Recognition



Integrated 3D Radar Technology



Broad Range of Countries and Regions Supported



Superior Image Quality for 24/7 Traffic Monitoring

Excellent Capture Performance

• Stunning Image Performance Even in the Night





Integrated Supplement Light

HLC (Highlight Compensation)

HLC Off

HLC On



• 0.002Lux Starlight

Accurately Capture Plates of Fast Moving Vehicles



Excellent Capture Performance at High Speed and

200km/h Recognizable Speed







Maximized Flexibility for Your Convenience

Unique Design, Easy and Flexible Installation



Integrated Junction



 Clamshell Design & Integrated Cable Management



• 3-Axis Mechanical Design



 Flexible Pan, Tilt and Zoom Tasks for ANPR



OBTAIN THE USER MANUAL



	Name	AI Road Traffic Pro Bullet Plus Camera	Al Road Traffic Radar Pro Bullet Plus Camera	
	Appearance			
Camera	Model	TS2866-X4TPC (2MP)	TS2866-X4TVPC (2MP)	
	Image Sensor	1/2" Progressive Scan CMOS		
	Min. Illumination	Color: 0.002Lux@F1.6 B/W: 0Lux with IR on		
	WDR	140dB Super WDR Pro		
	Shutter Time	1/10000s~1s		
	Day/Night Mode	Day/Night/Auto/Customize/Schedule		
	S/N	>55dB		
	Lens	8~32mm, 4	4X Optical Zoom	
Lens	Field of View	H44°~H13°/D51°~D15°/V25°~V7°		
	Mount	Φ14		
	Focus Control	Auto/Manual		
	Aperture	F1.6~F1.7		
	Iris Control	Auto		
	Max. Vehicle Speed	200km/h		
	Recognition Accuracy		>95%	
	Coverage	Support simultaneo	us detection of 4 regions	
	Country Region Supported	More than 80 countries and regions		
	Illumination Distance	Up to 30m		
Road Traffic Management	Attributes Identification	Plate Color, Vehicle Type, Vehicle Color, Vehicle Brand, No-plate Vehicle Capture	Plate Color, Vehicle Type, Vehicle Color, Vehicle Brand, No-plate Vehicle Capture, Vehicle Direction Detection, Speed Detection, Traffic Flow Detection	
		Evidence Camera Linkage, Vehicle Counting Based on Vehicle Type,		
	Smart Traffic Function	Specific Lane Management		
	White/Black List	Up to 1000 records inside the camera		
	LPR Smart Search	Support		
Radar	Working Frequency	-	60GHz, 61~62GHz	
	Capture Rate	-	>99% (Traffic jam >95%)	
	Lane Coverage	-	1^{4} Lanes (Recognition ≥95% individually)	
	Tracking Target	-	Up to 32	
	Speed Detection Range	-	±5km/h~±200km/h	
	Speed Detection Accuracy	-	±0.36km/h	
	Detection Distance	-	Up to 90m	
	Distance Detection Accuracy	-	±0.4m	
	Angle Measurement Accuracy	-	±0.5°	
	Installation Height	-	2~7m	



	Ethernet	1*RJ45 10M/100M Ethernet Port		
Interface	Audio I/O	1/1		
	Alarm I/O	1/1		
	Max. Image Resolution	1920x1080		
	Primary Stream	60Hz/50Hz: 100fps@(1920x1080, 1280x960, 1280x720, 704x576)		
	Secondary Stream		360, 352x288, 320x240, 320x192, 320x180)	
	,	50Hz: 50fps@(704x576, 640x480, 640x360, 352x288, 320x240, 320x192, 320x180)		
	Tertiary Stream	60Hz: 30fps@(1920x1080, 1280x720, 704x576, 640x480, 640x360, 320x240, 320x192, 320x180) 50Hz: 25fps@(1920x1080, 1280x720, 704x576, 640x480, 640x360, 320x240, 320x192, 320x180)		
Video	Video Compression	H.265 ⁺ /H.265(HEVC)/H.264 ⁺ /H.264/MJPEG		
	Video Bit Rate	16Kbps~16Mbps(CBR/VBR Adjustable)		
	Privacy Masking		<pre>< areas and 4 mosaic areas)</pre>	
	ROI		o 8 areas	
	Image Setting		t/Saturation/Sharpness	
	Network Storage		FS, SMB/CIFS), ANR	
Network	Network Storage		ITTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP,	
	Protocol		AN, 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	Audio Bit Rate	16~256kbps		
	Two-way Audio	Support		
	System Compatibility	API, HTTP, TCP, ONV	/IF Profile G & Q & S & T	
	Storage	Support microSD/SDHC/SDXC Card Local Storage, up to 256G		
	Advanced Function	BLC, HLC, 2D DNR, 3D DNR, Defo	g, AWB, EIS, IP Address Filtering, AGC,	
System		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		
	Working Temperature		-40°C~60°C	
General	Working Humidity	0~95%(Non-condensing)	5~90%(Non-condensing)	
	Power Supply	PoE (802.3at) / DC 12V±10%		
	Power Consumption	8W MAX 14W MAX (With IR on)		
	Weather Proof	Up to IP67-rated for Weather-resistant Performance		
	Housing	Vandal-proof IK10-rated Metal Housing	Vandal-proof IK10-rated Metal Housing	
	-	(Without Radar Module)		
	Surge Protection	4KV		
	Weight	1445.8g	1623g	
	Dimensions	320mmX134mmX126mm	320mmX134mmX171mm	
	Warranty	3/5 Years		



	Name	AI Road Traffic Supplement Light Pro Bullet Plus Camera	
Aŗ	ppearance		
Camera	lodel	TS2866-X4TWC /W (2MP)	TS2866-X4TWC /R (2MP)
Im	nage Sensor	1/2" Progres	ssive Scan CMOS
М	lin. Illumination	Color: 0.002Lux@F1.6 B/W: 0Lux with IR on	
w	/DR	140dB Super WDR Pro	
Sh	nutter Time	1/10000s~1s	
Da	ay/Night Mode	Day/Night/Auto/	Customize/Schedule
S/	/N	>55dB	
Le	ens	8~32mm, 4	X Optical Zoom
Fi	eld of View	H44°~H13°/D51°~D15°/V25°~V7°	
M	lount	Φ14	
Lens Fo	ocus Control	Auto/Manual	
Aŗ	perture	F1.6-F1.7	
Iri	is Control	Auto	
М	lax. Vehicle Speed	200km/h	
Re	ecognition Accuracy	>95%	
Co	overage	Support simultaneous detection of 4 regions	
Co	ountry Region Supported	More than 80 countries and regions	
	umination Distance	Up to 40m	
Management At	ttributes Identification	Plate Color, Vehicle Type, Vehicle Color, Vehicle Brand, No-plate Vehicle Capture	
Sr	nart Traffic Function	Evidence Camera Linkage, Vehicle Counting Based on Vehicle Type, Specific Lane Management	
w	/hite/Black List	Up to 1000 records inside the camera	
LP	PR Smart Search	Support	
Su	upplement Light	White LED Light	IR LED Light
Illuminator Lig	ght Bead	6 (For White LED Light)	9 (For IR LED Light)
Liį	ght Control	Auto/Always On/Off/Customize	
Et	thernet	1*RJ45 10M/100M Ethernet Port	
Interface	udio I/O	1/1	
Al	larm I/O	1/1	
w	/iegand	Standard Wiegand 26-bit	



	Max. Image Resolution 1920x1080		
	Primary Stream	60Hz/50Hz: 100fps@(1920x1080, 1280x960, 1280x720, 704x576)	
	Conservations Characterist	60Hz: 60fps@(704x576, 640x480, 640x360, 352x288, 320x240, 320x192, 320x180)	
	Secondary Stream	50Hz: 50fps@(704x576, 640x480, 640x360, 352x288, 320x240, 320x192, 320x180)	
	Tertiary Stream	60Hz: 30fps@(1920x1080, 1280x720, 704x576, 640x480, 640x360, 320x240, 320x192, 320x180)	
Video		50Hz: 25fps@(1920x1080, 1280x720, 704x576, 640x480, 640x360, 320x240, 320x192, 320x180)	
VILLO	Video Compression	H.265 ⁺ /H.265(HEVC)/H.264 ⁺ /H.264/MJPEG	
	Video Bit Rate	16Kbps~16Mbps(CBR/VBR Adjustable)	
	Privacy Masking	Up to 28 areas(24 mask areas and 4 mosaic areas)	
	ROI	Up to 8 areas	
	Image Setting	Brightness/Contrast/Saturation/Sharpness	
	Network Storage	NAS(Support NFS, SMB/CIFS), ANR	
Network	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	Audio Sampling Rate	8/16/32/44.1/48KHz	
Audio	Audio Bit Rate	16~256kbps	
	Two-way Audio	Support	
	System Compatibility	API, HTTP, TCP, Wiegand Protocol, ONVIF Profile G & Q & S & T	
	Storage	Support microSD/SDHC/SDXC Card Local Storage, up to 256G	
	Advanced Function	BLC, HLC, 2D DNR, 3D DNR, Defog, AWB, EIS, IP Address Filtering, AGC,	
System		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	
	Working Temperature	-40°C~60°C	
	Working Humidity	5~90%(Non-condensing)	
	Power Supply	DC 12V / 3A±10% (Non-PoE)	
	Power Consumption	4W MAX 4W MAX	
		30W MAX (For White LED Light) 31W MAX (For IR LED Light)	
	Surge Protection	4KV	
General	Weather Proof	Up to IP67-rated for Weather-resistant Performance	
	Housing	Vandal-proof IK10-rated Metal Housing (Without Supplement Light)	
	Surge Protection	4κν	
	Weight	1445.8g	
		2100g (With Supplement Light) 282mmX108mmX120mm	
	Dimensions	282mmX108mmX120mm 282mmX108mmX225mm (With Supplement Light)	
	Warranty	3/5 Years	



	Name	AI Road Traffic PTZ Bullet Camera	AI Road Traffic PTZ Bullet Plus Camera	
	Appearance	New Control of the second s	New Contraction	
	Model	TS2961-X12TPC (2MP)	TS2867-X5TPC (2MP)	
Camera	Image Sensor	1/2.8" Progressive Scan CMOS	1/2" Progressive Scan CMOS	
	Min. Illumination	Color: 0.005Lux@F1.6 B/W: 0Lux with IR on	Color: 0.002Lux@F1.7 B/W: 0Lux with IR on	
	WDR	140dB Super WDR Pro		
	Shutter Time	1/100000s~1s		
	Digital Zoom		16X	
	Day/Night Mode	Day/Night/Auto/Customize/Schedule		
	S/N	>55dB		
	Focal Length	5.3~64mm, 12X Optical Zoom	11~55mm, 5X Optical Zoom	
	Zoom Speed	Approx 4s (Wide-Tele)	Approx 3.5s (Wide-Tele)	
	Field of View	H61°~H5°/D69°~D5°/V36°~V2°	H34°~H8°/D39°~D9°/V20°~V4°	
Lens	Focus Control	Auto/Semi-Auto/Manual		
	Minimum Working Distance	1000/1500mm (Wide/Tele)		
	Aperture	F1.6~F2.8	F1.7~F2.1	
	Iris Control	Auto		
	Max. Vehicle Speed	200km/h		
	Recognition Accuracy	>95%		
	Coverage	Support simultaneous detection of 4 regions		
	Country Region Supported	More than 80 countries and regions		
Road Traffic	Illumination Distance	Up to 30m		
Management	Attributes Identification	Plate Color, Vehicle Type, Vehicle Color, Vehicle Brand, No-plate Vehicle Capture		
	Smart Traffic Function	Evidence Camera Linkage, Vehicle Counting Based on Vehicle Type,		
		Specific Lane Management		
	White/Black List	Up to 1000 records inside the camera		
	LPR Smart Search Support			
Interface	Ethernet	1*RJ45 10M/100M Ethernet Port		
	Audio I/O	1/1 (Optional)	1/1	
	Alarm I/O	1/1 (Optional) 360°endless / Pan Manual Speed: 0.1°~50°/s,	1/1 360°endless / Pan Manual Speed: 0.1°~60°/s,	
	Pan Range/Pan Speed	Pan Preset Speed: 50°/s -45°~30° / Tilt Manual Speed: 0.1°~25°/s,	Pan Preset Speed: 60°/s -45°~30° / Tilt Manual Speed: 0.1°~30°/s,	
PTZ	Tilt Range/Tilt Speed	Tilt Preset Speed: 25°/s	Tilt Preset Speed: 30°/s	
	Proportional Zoom	S	Support	
	Preset Quantity	300		
	Patrol	8 Patrols, up to 48 presets each patrol		



	Pattern	4 Patterns		
PTZ	Power Off Memory	Support		
	Other Function	Auto Scan, Auto Home, Preset Freezing, 3D Positioning, PTZ Limits, Initial Position		
	Max. Image Resolution	1920x1080		
	Primary Stream	60Hz/50Hz: 100fps@(1920x1080, 1280x960, 1280x720, 704x576)		
	Sacandary Straam	60Hz: 60fps@(704x576, 640x480, 640x360, 352x288, 320x240, 320x192, 320x180)		
	Secondary Stream	50Hz: 50fps@(704x576, 640x480, 640x360, 352x288, 320x240, 320x192, 320x180)		
	Tertiary Stream	60Hz: 30fps@(1920x1080, 1280x720, 704x576, 640x480, 640x360, 320x240, 320x192, 320x180)		
Video	leitiary stream	50Hz: 25fps@(1920x1080, 1280x720, 704x576, 640x480, 640x360, 320x240, 320x192, 320x180)		
	Video Compression	H.265 ⁺ /H.265(HEV	C)/H.264 ⁺ /H.264/MJPEG	
	Video Bit Rate	16Kbps~16Mbps(CBR/VBR Adjustable)		
	Privacy Masking	Up to 28 areas(24 mask areas and 4 mosaic areas)		
	ROI	Up	to 8 areas	
	Image Setting	Brightness/Contra	st/Saturation/Sharpness	
	Network Storage	NAS(Support N	NFS, SMB/CIFS), ANR	
Network	Protocol	IPv4/IPv6, ARP, TCP, UDP, RTCP, RTP, RTSP, RTMP,	HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP,	
	Protocol	UPnP, Bonjour, SIP, PPPoE, V	LAN, 802.1x, QoS, IGMP, ICMP, SSL	
	Audio Compression	G.711/AAC/G.722/G.726		
Audio	Audio Sampling Rate	8/16/32/44.1/48KHz		
Audio	Audio Bit Rate	16~256kbps		
	Two-way Audio	Support		
	System Compatibility	API, HTTP, TCP, ON	VIF Profile G & Q & S & T	
	Storage	Support microSD/SDHC/SD	KC Card Local Storage, up to 256G	
	Advanced Francisco	BLC, HLC, 2D DNR, 3D DNR, E	efog, AWB, EIS, IP Address Filtering,	
	Advanced Function	AGC, Anti-flicker, Corridor Mode, Deblur, Watermark		
	SIP/VoIP Support	Yes, Voice & Video-over-IP		
System		Black/White List, Attributes Event, Motion	Black/White List, Attributes Event,	
	Event Trigger	Detection, Network Disconnection, External	Motion Detection, Network Disconnection, External	
		Input (Optional), Audio Alarm (Optional), etc.	Input, Audio Alarm, etc.	
	Event Action	FTP Upload, SMTP Upload, SD Card Record,	FTP Upload, SMTP Upload, SD Card Record, External	
		External Output (Optional), SIP Phone,	Output, SIP Phone, White LED, PTZ Motion, HTTP	
		White LED, PTZ Motion, HTTP Notification, etc.	Notification, etc.	
	Working Temperature	-40 °C∼60 °C		
	Working Humidity	0~95%(Non-condensing)		
General	Power Supply	PoE (802.3at) / DC 12V/2A±10%	PoE (802.3at) / DC 12V/3A±10%	
	Power Consumption	15W MAX	12W MAX	
	-	20W MAX (With IR on) 28W MAX (With IR on)		
	Weather Proof	Up to IP66-rated for Weather-resistant Performance		
	Weight	2Kg (Wall Mount) / 1.8Kg (Pedestal Mount)	2.9Kg	
	Dimensions	160mmX273.5mmX210mm (Wall Mount) /218mmX120mmX172mm (Pedestal Mount)	110mmX337mmX220mm	
	Warranty	2 Years / 3 Years (Optional)		



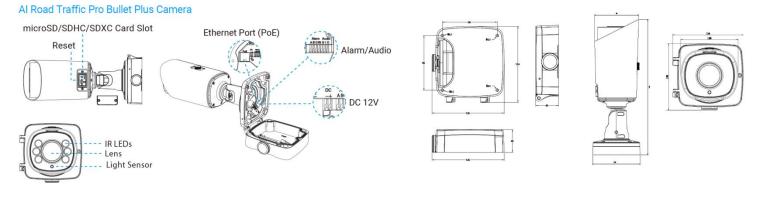
Appearance Sized1.x36TPC (ZMP) Sized1.x36TPC (ZMP) Model TS2841.x36TPC (ZMP) TS2841.x36TPC NO Inage Sensor 1/2" Progressive Scan CMOS Inage Sensor 1/2" Progressive Scan CMOS Min. Illumination Color: 0.002Lux@F1.55 Shutter Time 75.2841.x36TPC Digital Zom Color: 0.002Lux@F1.55 Shutter Time 1400B Super WDR Pro Digital Zom 1/2" OPCOMENTION Pro Digital Zom 1/2" OPCOMENTION Pro Digital Zom 1500 Digital Zom 600 SN VE Control 16X Minimum Working Distance 1500/1500mm (Wide/Tele) Field of View 400001/500mm (Wide/Tele) Aperture 2000km/h Recognition Accuracy 2000km/h Recognition Accuracy 2000km/h Recognition Accuracy 1500 1500mm (Wide/Tele) Recognition Accuracy Coverage Recognition Accuracy Support simultaneous detection of 4 regions Coverage Support simultaneous detection of 4 regions Coverage Support simu		Name AI Road Traffic Speed Dome Camera		ed Dome Camera	
Model TS2841.x36TPC (2MP) /// (2MP) Image Sensor (2MP) (2MP) Image Sensor (2MP) (2MP) Image Sensor (2MP) (2MP) Min. Illumination B/W: OLux with IR on B/W: OLUX with IR ON B		Appearance	Mage		
Image Color: 0.002Lux@F1:55 Nin: Illumination B/W: 0Lux with IR on VDR Generation VDR Generation Stutter Time Generation Diglal Zoom Generation Diglal Zoom Generation Diglal Zoom Generation Diglal Zoom Generation Synkip Mode Generation Synkip Mode Generation Synkip Mode Generation Zoom Speed Generation Yonk Generation	Camera	Model		/w	
Min. Illumination B/W: OLux with IR on WDR Generation WDR Generation Shutter Time Generation Digital Zoom Generation Syn Generation Zoom Speed Generation Field of View Generation Hoinum Working Distane Generation Aperture Generation Max Vehicle Speed Generation Kacegnition Accuracy Jounty Region Supported Management Max Vehicle Speed Recognition Accuracy Generation of Aregions Management Generation of Coverage Management Mither Stated Management Mither Speed Management Generation of Coverage Management Mither Speed Management Generation of Coverage Management Generatin Regin Spenore Management </th <th></th> <td>Image Sensor</td> <td>1/2" Progressiv</td> <td>e Scan CMOS</td>		Image Sensor	1/2" Progressiv	e Scan CMOS	
Shutter Time 1/100005°15 Digital Zoom 16X Day/Night Mode 0 Day/Night Mode 0 Shylight Mode 0 Sylight Mode 0 <th></th> <td>Min. Illumination</td> <td colspan="2">Color: 0.002Lux@F1.55</td>		Min. Illumination	Color: 0.002Lux@F1.55		
Digital ZoomIndexDigital XoomCalcenderDay/Night ModeCalcenderXNSSGAXNSSGAAreal LengthGalcengthCoom SpeedGalcengthField of ViewGalcengthFocus ControlGalcengthMinimum Working DistanceGalcengthApertureGalcengthAreatureGalcengthKoos ControlGalcengthApertureGalcengthKoos ControlGalcengthKoos ControlGalcengthApertureGalcengthKoos ControlGalcengthKoos ControlPalcengthKoos ControlPalcengthKo		WDR	140dB Super WDR Pro		
Org/Night ModeOrg/Night/Auto/Customize/ScheduleS/N555dBS/N555dBFocal Length600 Specific LangthZoom Speed600 Specific LangthField of View600 Specific LangthField of View600 Specific LangthMinimum Working Distance1000 Specific LangthAperture600 Specific LangthAperture600 Specific LangthMax. Vehicle Speed600 Support Simultaneous detection of AregionsRead Traffic100 Support Simultaneous detection of AregionsManagement101 Specific LangthManagementPlate Color, Vehicle Specific LangthManagementSpecific LangthManagementSpecific LangthManagementSpecific LangthManagementSpecific LangthManagementSpecific LangthMart Traffic FunctionSpecific Langth SupportNeit/Black List000 SupportNitrig Back List000 SupportNitrig Specific Langth SupportSpecific Langth SupportNitrig Specific Langth SupportSpecific Langth SupportNitrig Specific Langth SupportSupportNitrig Specific Langth SupportSupport		Shutter Time	1/10000	0s~1s	
f\n5\nF\cal Length6\cal LengthZoom Speed6Field of View6Field of View6Focus Control6Minimum Working Distance1500/1500mm (Wide/Tele)Aperture6Iris Control6Marcure6Koda Control6Aperture6Koda Control6Minimum Working Distance1000/1500mm (Wide/Tele)Aperture6Koda Traffic6Koda Traffic6Management1000 ControlManagement1000 ControlManagement1000 ControlManagementPlate Color, Vehicle Type, Vehicle Counting Based on Vehicle Type, Specific Lane ManagementMitri/Black List6Witri/Black List000 Control ControlFor Raffic FunctionEvidence Camera Linkage, Vehicle Counting Based on Vehicle Type, Specific Lane ManagementWitri/Black List000 Control Control Sinder the cameraHitri/Black List000 Control Control Sinder CameraHitri/Black List000 Control Control Sinder Ca		Digital Zoom	16)	K	
Focal Length 5.7~205.2mm, 36X Optical Zoom Zoom Speed Approx 7s (Wide-Tele) Zoom Speed Improve Tele) Field of View Geoser-D3*/V38*~V1* Focus Control Minimum Working Distance Minimum Working Distance Auto/Semi-Auto/Manual Minimum Working Distance Improve Tele) Aperture Aperture Iris Control Auto Max. Vehicle Speed Auto Recognition Accuracy Support simultaneous detection of 4 regions Courtry Region Supported More than 80 countries and regions Illumination Distance Up to 50m Management Attributes Identification Smart Traffic Function Evidence Camera Linkage, Vehicle Courting Based on Vehicle Type, Specific Lane Management White/Black List Up to 1000 records inside the camera IPR Smart Search Support		Day/Night Mode	Day/Night/Auto/Cu	stomize/Schedule	
LensZoom SpeedApprox 7s (Wide-Tele)Field of ViewGGGGGCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC		S/N	>550	JB	
Field of ViewH63°~H3°/D69°-D3°/V38°~V1°Focus ControlCFocus ControlAuto/Semi-Auto/ManualMinimum Working DistanceCApertureCApertureCTis ControlAutoKacognition AccuracyCCoverageCoverageIllumination DistanceUIllumination DistancePlate Color, Vehicle Color, Vehicle Brand, No-plate Vehicle CaptureManagementFlite Color, Vehicle Color, Vehicle Counting Based on Vehicle Type, Specific Lane ManagementWhite/Black ListCUP Smart SearchIllup Smart SearchUP Smart SearchIllup Smart SearchUP Smart SearchCUP Smart SearchSupportUP Smart SearchSearchUP Smart SearchSupportUP Smart SearchSearchUP Smart SearchSupportUP Smart SearchS		Focal Length	5.7~205.2mm, 36X Optical Zoom		
LensFocus ControlAuto/Semi-Auto/ManualMinimum Working DistanceGOOD (StoO) (StoO) (StoO) (Wide/Tele)ApertureApertureF1.55~F4.8Iris ControlOto AutoMax. Vehicle SpeedCOOD (NH)Recognition AccuracyCOOD (StoO) (StoO	Lens	Zoom Speed	Approx 7s (Wide-Tele)		
Minimum Working DistanceMinimum Working Distance1500/1500mm (Wide/Tele)ApertureApertureF1.55~F4.8tris ControlAutoMax. Vehicle SpeedAutoRecognition AccuracyRecognition AccuracyCoverageCoverageCountry Region SupportedMore than 80 countries and regionsIllumination DistancePlate Color, Vehicle Type, Vehicle Color, Vehicle Brand, No-plate Vehicle CaptureManagementSupart Traffic FunctionVehite/Black ListCoverageImagementSuport Simultaneous detection of A regionsKitie/Black ListCoverageKitie/Black ListCovera		Field of View	H63°~H3°/D69°~D3°/ V38°~V1°		
Aperture Aperture Iris Control Auto Max. Vehicle Speed Control Recognition Accuracy Recognition Accuracy Coverage Coverage Illumination Distance Other Control Support Supported Attributes Identification Plate Color, Vehicle Type, Vehicle Color, Vehicle Brand, Noreplate Vehicle Color, Vehicle Type, Specific Lane Management Mander Control Specific Lane Management Mart Traffic Function Coverage Vehite/Black List Other Support Ivent Seech Specific Lane Management		Focus Control	Auto/Semi-Auto/Manual		
Iris Control Auto Max. Vehicle Speed 200km/h Recognition Accuracy >95% Coverage Coverage Country Region Supported More than 80 countries and regions Illumination Distance U Attributes Identification Plate Color, Vehicle Type, Vehicle Color, Vehicle Brand, No-plate Vehicle Capture Smart Traffic Function Evidence Camera Linkage, Vehicle Counting Based on Vehicle Type, Specific Lane Management Vhite/Black List 0 Up to 1000 records inside the camera IRS mart Search Imagement Support		Minimum Working Distance	1500/1500mm (Wide/Tele)		
Max. Vehicle Speed 200km/h Recognition Accuracy >95% Coverage Country Region Supported Country Region Supported More than 80 countries and regions Illumination Distance Illumination Distance Attributes Identification Plate Color, Vehicle Type, Vehicle Color, Vehicle Brand, No-plate Vehicle Capture Smart Traffic Function Evidence Camera Linkage, Vehicle Counting Based on Vehicle Type, Specific Lane Management White/Black List Outp to 1000 records inside the camera LPR Smart Search Monte Search		Aperture	F1.55~F4.8		
Recognition Accuracy>95%CoverageSupport simultaneous detection of 4 regionsCountry Region SupportedMore than 80 countries and regionsIllumination DistanceUp to 50mAttributes IdentificationPlate Color, Vehicle Type, Vehicle Color, Vehicle Brand, No-plate Vehicle CaptureSmart Traffic FunctionEvidence Camera Linkage, Vehicle Counting Based on Vehicle Type, Specific Lane ManagementWhite/Black ListOther SupportIP Smart SearchSupportImage: Non-Specific Lane ManagementSupportImage: Non-Specific Lane ManagementSupport <td< th=""><th></th><td>Iris Control</td><td colspan="2">Auto</td></td<>		Iris Control	Auto		
Road TrafficCoverageSupport simultaneous detection of 4 regionsRoad TrafficCountry Region SupportedMore than 80 countries and regionsIllumination DistanceUp to 50mAttributes IdentificationPlate Color, Vehicle Type, Vehicle Color, Vehicle Brand, No-plate Vehicle CaptureBrart Traffic FunctionEvidence Camera Linkage, Vehicle Counting Based on Vehicle Type, Specific Lane ManagementWhite/Black ListOther Specific Lane ManagementLPR Smart SearchImage: Count SupportKontSupport 1000 records inside the cameraKontSupportKontSupportKontSupportKontSupportKontSupportKontSupportKontSupportKontSupportKontSupportKontSupportKontSupportKontSupportKontSupportKontKontKontSupportKont <th colspan="2">Max. Vehicle Speed</th> <th>200kr</th> <th>n/h</th>	Max. Vehicle Speed		200kr	n/h	
Road TrafficCountry Region SupportedMore than 80 countries and regionsManagementIllumination DistanceUp to 50mAttributes IdentificationPlate Color, Vehicle Type, Vehicle Color, Vehicle Brand, No-plate Vehicle CaptureSmart Traffic FunctionEvidence Camera Linkage, Vehicle Counting Based on Vehicle Type, Specific Lane ManagementWhite/Black ListOther SupportIPR Smart SearchImagementVehice SupportSupport		Recognition Accuracy	>95%		
Road Traffic Illumination Distance Up to 50m Management Attributes Identification Plate Color, Vehicle Type, Vehicle Color, Vehicle Brand, No-plate Vehicle Capture Smart Traffic Function Evidence Camera Linkage, Vehicle Counting Based on Vehicle Type, Specific Lane Management White/Black List Other Support		Coverage	Support simultaneous detection of 4 regions		
Management Attributes Identification Plate Color, Vehicle Type, Vehicle Color, Vehicle Brand, No-plate Vehicle Capture Smart Traffic Function Evidence Camera Linkage, Vehicle Counting Based on Vehicle Type, Specific Lane Management White/Black List Up to 1000 records inside the camera LPR Smart Search Image: Color Support		Country Region Supported	More than 80 countries and regions		
Smart Traffic Function Evidence Camera Linkage, Vehicle Counting Based on Vehicle Type, Specific Lane Management White/Black List Up to 1000 records inside the camera LPR Smart Search Support	Road Traffic	Illumination Distance	Up to !	50m	
Smart Traffic Function Specific Lane Management White/Black List Up to 1000 records inside the camera LPR Smart Search Support	Management	ment Attributes Identification Plate Color, Vehicle Type, Vehicle Color, Vehicle Brand, No-plate Vel		ehicle Brand, No-plate Vehicle Capture	
White/Black List Up to 1000 records inside the camera LPR Smart Search Support		Smart Traffic Function			
		White/Black List			
			ort		
Ethernet 1*RJ45 10M/100M Ethernet Port		Ethernet	1*RJ45 10M/100M	1*RJ45 10M/100M Ethernet Port	
Audio I/O 1/1		Audio I/O			
Interface Alarm I/O 4/2	Interface	Alarm I/O			
RS485 Support		RS485			
Pan Range/Pan Speed 360° endless / Pan Manual Speed: 0.1°~250°/s, Pan Preset Speed: 250°/s		Pan Range/Pan Speed			
Tilt Range/Tilt Speed -5°~90°(Auto Flip) / Tilt Manual Speed: 0.1°~160°/s, Tilt Preset Speed: 160°/s		Tilt Range/Tilt Speed			
PTZ Proportional Zoom Support	PTZ				
Preset Quantity 300					
Patrol 8 Patrols, up to 48 presets each patrol			8 Patrols, up to 48 presets each patrol		



	Pattern	4 Patter	ns
PTZ	Power Off Memory	Support	
	Other Function	Auto Scan, Auto Home, Preset Freezing, 3D Positioning, PTZ Limits, Initial Position	
	Max. Image Resolution	1920x1080	
	Primary Stream	60Hz/50Hz: 100fps@(1920x1080, 1280x960, 1280x720, 704x576)	
	Finaly Stream	60Hz: 60fps@(704x576, 640x480, 640x360,	
	Secondary Stream	50Hz: 50fps@(704x576, 640x480, 640x360,	
		60Hz: 30fps@(1920x1080, 1280x720, 704x576, 640	, , , ,
Video	Tertiary Stream	50Hz: 25fps@(1920x1080, 1280x720, 704x576, 640	0x480, 640x360, 320x240, 320x192, 320x180)
	Video Compression	H.265 ⁺ /H.265(HEVC)/H.	264 ⁺ /H.264/MJPEG
	Video Bit Rate	16Kbps~16Mbps(CBR/VBR Adjustable)	
	Privacy Masking	Up to 28 areas(24 mask are	as and 4 mosaic areas)
	ROI	Up to 8 a	reas
	Image Setting	Brightness/Contrast/Sat	uration/Sharpness
	Network Storage	NAS(Support NFS, S	MB/CIFS), ANR
Network		IPv4/IPv6, ARP, TCP, UDP, RTCP, RTP, RTSP, RTMP, HTTP,	HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP,
	Protocol	UPnP, Bonjour, SIP, PPPoE, VLAN, 8	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 Compatibility	API, HTTP, TCP, ONVIF Pr	ofile G & Q & S & T
	Storage	Support microSD/SDHC/SDXC Ca	rd Local Storage, up to 256G
	A duran and Europetica	BLC, HLC, 2D DNR, 3D DNR, Defog,	AWB, EIS, IP Address Filtering,
	Advanced Function	AGC, Anti-flicker, Corridor Mode, Deblur, Watermark	
System	SIP/VoIP Support	Yes, Voice & Video-over-IP	
	Event Trigger	Black/White List, At	tributes Event,
		Motion Detection, Network Disconnection, External Input, Audio Alarm, etc.	
	Event Action	FTP Upload, SMTP Upload, SD Card Record, External Output,	
		SIP Phone, PTZ Motion, HTTP Notification, etc.	
	Working Temperature	-40°℃~60°℃	
General	Working Humidity	0~95%(Non-condensing)	
	Power Supply	PoE (802.3at) / AC 24V/3A±10%	
	Power Consumption	13W MAX / 23W MAX (With IR on)	
	Weather Proof	Up to IP66-rated for Weather-resistant PerformanceUp to IP66-rated for Weather-resistant/ Vandal-proof IK10-rated Metal Housing(Optional)Performance	
	Heater	Support	
	Wiper	-	Support
	Surge Protection	бКУ	
	Dimensions/Weight	Ф205mmX308mm/4Кg	
	Warranty	2 Years / 3 Years (Optional)	
,			

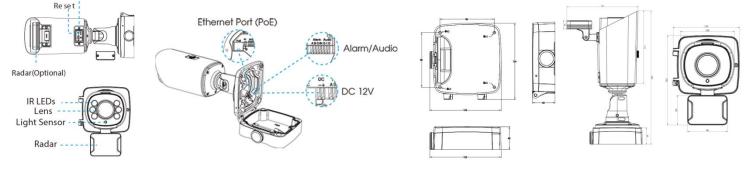


Structure Diagrams

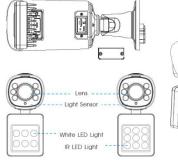


Al Road Traffic Radar Pro Bullet Plus Camera

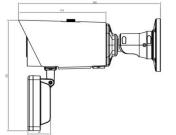
mic roSD/SDHC /SDXC C ard Slot

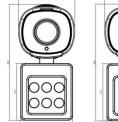


Al Road Traffic Supplement Light Pro Bullet Plus Camera

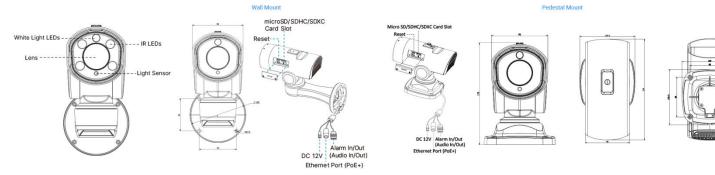






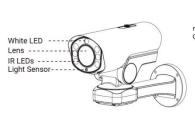


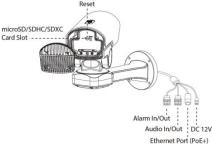




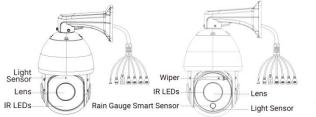


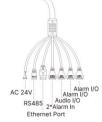
Al Road Traffic PTZ Bullet Plus Camera

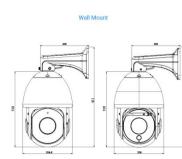




Al Road Traffic Speed Dome Camera







Ceiling Moun Ø116.5

Accessories Support

Al Road Traffic Pro Bullet Plus Camera /AI Road Traffic Radar Pro Bullet Plus Camera

A62 Junction Box(Default)

Weight: 510g Dimensions: 134*126*40mm



Al Road Traffic Supplement Light Pro Bullet Plus Camera /AI Road Traffic PTZ Bullet Camera

A62 Junction Box

Weight: 510g Dimensions: 134*126*40mm

AI Road Traffic PTZ Bullet Plus Camera

A01 Pole Mount

Weight: 720g Dimensions: 170*51.5*152.6mm

Al Road Traffic Speed Dome Camera

A41 Wall Mount (Default)

Weight: 400g Dimensions: 200*129*100mm

A42 Pendant Mount

Weight: 650g Dimensions: 116.5*255mm



A01 Pole Mount

Weight: 720g

A01 Pole Mount Weight: 720g Dimensions: 170*51.5*152.6mm

A03 External Corner Bracket

Dimensions: 170*152.5*76.3mm

Dimensions: 170*51.5*152.6mm

Weight: 900g

A01 Pole Mount

A42-L Extension Lever

Dimension: 57*255mm

Weight: 720g

Weight: 325g







Units: mm

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A62 Junction Box Weight: 510g

Dimensions: 134*126*40mm

A03 External Corner Bracket

Dimensions: 170*152.5*76.3mm

Weight: 900g

A03 External Corner Bracket

Weight: 900g Dimensions: 170*152.5*76.3mm







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