

DATASHEET



TVLP-S01-0402-BUL-G

TruVision ANPR camera

MAIN FEATURES

- TruVision ANPR camera
- 4MP
- 8 to 32 mm
- 100 m IR
- Wiegand
- IP67
- IK10
- PoE+ (802.3-at) / 12 VDC

TECHNICAL SPECIFICATIONS

Power supply

Operating voltage	12 VDC $\pm$ 20%, three-core terminal block, reverse polarity protection / PoE (802.3at, class 4)
Power consumption	12 VDC, 1.19 A, max. 14.28 W
Power output	12 VDC, max. 100 mA

Inputs / outputs

Alarm inputs	2
Alarm outputs	2 outputs (24 VAC/VDC, 1 A max.)
Wiegand output protocols	26 bit, 34 bit, SHA-1 26-bit plate conversion, 72 bit plate conversion

Physical characteristics

Sensor size	1/1.8"
Color sensitivity	0.0005 Lux @ (F1.2, AGC ON)
Physical dimensions	140 x 351 mm Φ 5.5 x 13.8 in.
Net weight	1920 g 4.2 lb.
Shipping weight	3060 g 6.7 lb.
Colour	Grey
Material	Aluminium

Environmental characteristics

Environment	Outdoor
Operating temperature	-40 to +66°C -40 to +140°F
Relative humidity	<95% noncondensing

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TECHNICAL SPECIFICATIONS

IP rating	IP67
Other characteristics	
Technology	IP
Video standard	NTSC, PAL
Image settings	De-Fog, Electronic Image Stabilization
Privacy masking	8 zones
Software compatibility	TruVision Navigator, TVRmobile, Web Browser
Max. resolution	4 MP
Sensor scan	Progressive
Sensor type	CMOS
Shutter time	1 to 1/100,000 s
WDR type	True WDR
WDR	140 dB
Digital noise reduction	3D DNR
Day/night	True Day/Night
Motorized IR cut filter	Yes
B/W sensitivity	0.0001 Lux @ (F1.2, AGC ON)
B/W trigger	Auto/Schedule/Triggered by alarm in
Infrared (IR)	Yes
IR range	Up to 100 m
IR wavelength	850 nm
Video streams	5
Main stream compression	H.264, H.265, H.265+
Sub stream compression	H.264, H.265, MJPEG
Third stream compression	H.264, H.265
Video bit rate	32 to 8 Mbps
Main stream resolutions	1280 x 720 (XVGA), 1920 x 1080 (1080p), 2560 x 1440, 2680 x 1520
Sub stream resolutions	640 x 480 (VGA), 704 x 576 (4CIF)
Third stream resolutions	1280 x 720 (XVGA), 1280 x 960 (720p), 1920 x 1080 (1080p), 640 x 480 (VGA), 704 x 576 (4CIF)
Max. resolution @ fps	2680 x 1520 @ 25/30 fps
4th and 5th stream compression	H.265, H.264, MJPEG
4th stream resolutions	1920 x 1080 (1080p), 1280 x 720 (XVGA), 704 x 576 (4CIF), 640 x 480 (VGA)
5th stream resolutions	704 x 576 (4CIF), 640 x 480 (VGA)
Lens type	Varifocal motorized
Focal length	8 to 32 mm, Horizontal FoV 42.5 to 15.1°, Vertical FoV 23.3 to 8.64°, Diagonal FoV 49.6 to 17.3°

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TECHNICAL SPECIFICATIONS

f-stop	F1.7 to 1.73
Auto iris	Yes
P-iris	Yes
Auto focus	Yes
Motorized zoom	Yes
Network interface	RJ-45 10/100 Mbps self-adaptive Ethernet interface
Integration	CGI, ISAPI
Supported network protocols	802.1x, Bonjour, DDNS, DHCP, DNS, FTP, HTTP, HTTPS, ICMP, IGMP, IPv4, IPv6, NTP, PPPoE, QoS, RTCP, RTP, RTSP, SMTP, SNMP, TCP/IP, UPnP
Security	Password protection, HTTPS encryption, 802.1x authentication (EAP-TLS, EAP-LEAP, EAP-MD5), watermark, IP address filter, basic and digest authentication for HTTP/HTTPS, WSSE and digest authentication for ONVIF, RTP/RTSP over HTTPS, control timeout setting
Audio compression	G.711alaw, G.711ulaw, G.722.1, G.726, MP2L2, MP3, PCM
Audio in	1 line in
Audio out	1 line out
Audio bit rate	64Kbps (G.711), 16Kbps (G.722.1), 16Kbps (G.726), 32-192Kbps (MP2L2), 32Kbps (PCM), 8-320Kbps (MP3)
Alarm I/O connection	Terminal blocks
Local storage support	Yes
Local storage type	Built-in Micro SD/SDHC/SDXC card slot
Max. SD card capacity	256 GB
Alarm trigger	HDD error, HDD full, Invalid login, IP address conflict, Motion detection, Network disconnected, Video tampering
ROI	Up to 4 fixed regions
Smart event	Advanced motion detection, ANPR capture, Audio exception detection, Defocus, Intrusion detection, Line crossing detection, Region entrance detection, Region exiting detection, Scene change detection
Intelligence options	Person/vehicle classification on VCA events (when VCA resource mode Smart Event is selected)Vibration detectionVideo quality diagnose-PTZ on 4th stream supporting digital zoom based preset tour and auto-tracking
Form Factor	Bullet
Impact rating	IK10
Compliance	CE, FCC, REACH, RoHS, UL, WEEE
Block List and Allow List	Up to 10,000 records

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TECHNICAL SPECIFICATIONS

Vehicle detection mode

Single lane support. License plate recognition of motorcycles (only in Entrance/Exit mode) Support vehicle attributes detection including vehicle type, color, brand, etc. (City Street mode is recommended.)

Mixed-traffic detection mode

Support up to 2 lanes. Automatic vehicle flow detection

Other

No-plate vehicle detection

Supported Regions

Europe, Middle East, Africa, LATAM, Russian speaking region, Asia-Pacific. See FW release note document for more details.

License Plate Recognition

Accuracy: Capture Rate 98%, Recognition Rate

Category

Reference

Brackets & Mounts

TVB-PM