

TVB-5412

TruVision nummerplade kamera, H.264, 1080p, 2.8-12mm, Super Low Light, WDR, ægte D/N, 50m IR, Audio, Alarm, BNC, micro SD/SHDC slot, Intelligens, PoE+ (802.3-at) /12VDC, IP66

Overview

The TruVision Automatic Number Plate Recognition (ANPR) cameras feature embedded Optical Character Recognition (OCR) to identify vehicle license plate information in real-time. Captured license plates can trigger events that can be used to store video and snapshots or sent events over the network. These events contain information like license plate characters, date & timestamp, lane number, direction, etc.

Wiegand interface

The onboard Wiegand interface allows the camera to be connected to any access control system with Wiegand reader interface. Every license plate stored in the camera database can have a corresponding badge ID that is sent via the camera Wiegand output to the access control system whenever the license plate is read.

Standalone solution

In standalone operation where the camera is used to grant access to vehicles, the license plates stored in the camera database can be configured as white or black listed. Actions like activating the camera output to open a gate for white listed vehicles can be configured in the camera. Black listed or non-listed vehicles can also trigger additional actions or events.

Without matching vehicle license plates against a database, the camera is also able to store any captured license plate on local storage, NAS or FTP server.

Integrated solution

When the camera is connected to an access control system, the access control system can grant or deny access to the vehicle based on the badge ID that is sent by the camera whenever the license plate is captured. Access Control system parameters like access levels, time schedules or other logic can be used to grant access to specific vehicles according to pre-defined time schedules. The video streams from the camera can also be recorded on any TruVision network recorder or any VMS supporting recent TruVision IP cameras.



Detaljer

- Automatic Number Plate Recognition (ANPR)
- Wiegand interface for integration with access control systems
- Motorized Lens 2.8 to 12mm
- Up to 50 m IR illumination
- Super Low Light: Color: 0.002 Lux @ (F1.2, AGC ON), 0 Lux IR on
- Maximum Real Time Resolution: 1920 x 1080 @ 50 fps
- Motorized IR Cut Filter
- ONVIF Profile G and S conformant
- H.264 compression with triple-streaming functionality
- Edge recording up to 128GB with optional SDHC card
- Up to 120 dB Wide Dynamic Range

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Tekniske specifikationer

Generelt

Teknologi	IP
Videostandard	NTSC, PAL
Image settings	Hallway View, Mirror
Videoudgang	BNC Composite PAL / NTSC
Softwarekompatibilitet	Advisor Management Software (ATS8600), TruVision Navigator, TVRmobile, Web Browser

Kamera

Sensorstørrelse	1/1.8"
Maks. løsnig	2 MP
Sensorscanning	Progressive
Sensortype	CMOS
Totalt antall piksler (H x V)	1920 x 1080
Digital S/N-forhold	52 dB (AGC OFF)
Lukketid	1 to 1/100,000 s

Belysningsdydeevne

WDR-type	True WDR
WDR	120 dB
Digital støjreduktion	3D DNR
Dag nat	True Day/Night
Motoriseret IR-skåret filter	Ja
Farvesensitivitet	Color: 0.002 Lux @ (F1.2, AGC ON), 0.0027 Lux @ (F1.4, AGC ON), 0 Lux with IR
IR-rækkevidde	Up to 50 m
IR-bølgelængde	850 nm

Indkodning

Video streams	3
Hovedstrømskomprimeri	H.264, MPEG4 ng
Understrømskomprimeri	H.264, MJPEG, MPEG4 ng
Tredje strømkomprimering	H.264, MJPEG, MPEG4
Video bithastighed	32 Kbps to 16 Mbps
Hovedstrømsopløsninger	1280 x 720 (XVGA), 1280 x 960 (720p), 1920 x 1080 (1080p)
Understrømsopløsninger	352 x 288 (CIF), 640 x 480 (VGA), 704 x 576 (4CIF)
Tredje strømopløsninger	1280 x 720 (XVGA), 1280 x 960 (720p), 1920 x 1080 (1080p), 352 x 288 (CIF), 640 x 480 (VGA), 704 x 576 (4CIF)
Maks. opløsning @ fps	1920 x 1080 @ 50 fps

Linse

Objektivtype	Varifokal motoriseret
Brændvidde	2.8 to 12 mm, F1.4, horizontal field of view: 92 to 32°
Auto iris	Ja
Auto fokus	Ja
Motoriseret zoom	Ja

Netværk

Netværksgrænseflade	RJ-45 10/100 Mbps self-adaptive Ethernet interface
Integration	CGI, ONVIF Profile G, ONVIF Profile S, PSIA
Understøttede netværksprotokoller	802.1x, DDNS, DHCP, DNS, ezDDNS, FTP, HTTP, HTTPS, ICMP, IGMP, IPv4, IPv6, NTP, PPPoE, QoS, RTCP, RTP, RTSP, SMTP, SNMP, TCP/IP, UPnP

Audio

Lydkomprimering	G.711a, G.711u, G.722.1, G.726, MP2L2, PCM
Lyd ind	1
Audio ud	1

Alarm I/O

Alarmindgange	1
Alarmuitgangen	1
Alarm I / O-forbindelse	Terminal Type

Opbevaring

Understøttelse af lokal opbevaring	Ja
Lokal opbevaringstype	Built-in Micro SD/SDHC/SDXC card slot
Max. SD card capacity	128 GB

Video-intelligens

ROI	4 configurable fixed regions and 1 dynamic region for license plate tracking
Smart event	Defog, Electronic Image Stabilization (EIS), License plate recognition, Region of Interest (ROI)

Elektrisk

Driftsspænding	12 VDC PoE+ (802.3at, class 4)
Strømforbrug	13.5 W @ 12 VDC Max. 16 W @ PoE+
Nuværende forbrug	1.2 A @ 12 VDC Max. 0.4 A @ PoE+

Fysisk

Fysiske dimensioner	302 x 115 mm
Nettovægt	1675 g
Farve	Grå
Form Factor	Kugle

Miljø

Miljø	Indendør, Udendørs
Driftstemperatur	-30 to +60°C
Relativ luftfugtighed	<95% non-condensing
IP-vurdering	IP66

Regulerende

Overholdelse	CE, REACH, RoHS, WEEE
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Encoding

H.264 codec profile	Baseline Profile/Main Profile/High Profile
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Video intelligence

License Plate Recognition	Accuracy: Capture Rate 99%, Recognition Rate > 98% (European and Russian-Speaking Regions)
Vehicle speed detection	Under 120 km/h (74.6 mi/h)
Number of lanes	Up to 4 lanes. Recommended to set 1 or 2 lines for best performance.
Direction	Capture and recognition of vehicles both approaching and leaving

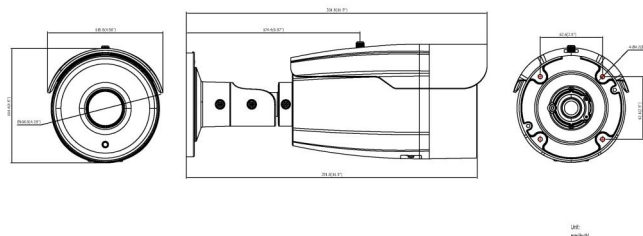
Wiegand interface

Protocol	26 bit or 34 bit
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Supported license plate regions

Firmware V13.x FPx (default loaded FW)	Slovakia, Italy, Spain, France, Germany, Poland, Belgium, France, Czech Republic, Netherlands, Denmark, Luxembourg, Greece, Albania, Bosnia and Herzegovina, Ireland, Malta, Sweden, Switzerland, Portugal, Macedonia, Croatia, Finland, United Kingdom, Romania, Serbia, Bulgaria, Norway, Israel, Hungary, Austria, Vatican City State, Cyprus, Iceland, Slovenia, Turkey, Montenegro
Firmware V14.x FPx	South Africa
Firmware V15.x FPx	Azerbaijan, Belarus, Kazakhstan, Lithuania, Georgia, Estonia, Latvia, Armenia, Russian Federation, Ukraine, Moldova, Belarus, Turkmenistan, Uzbekistan

Note: Make sure to load the proper firmware for the region where the camera is installed



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