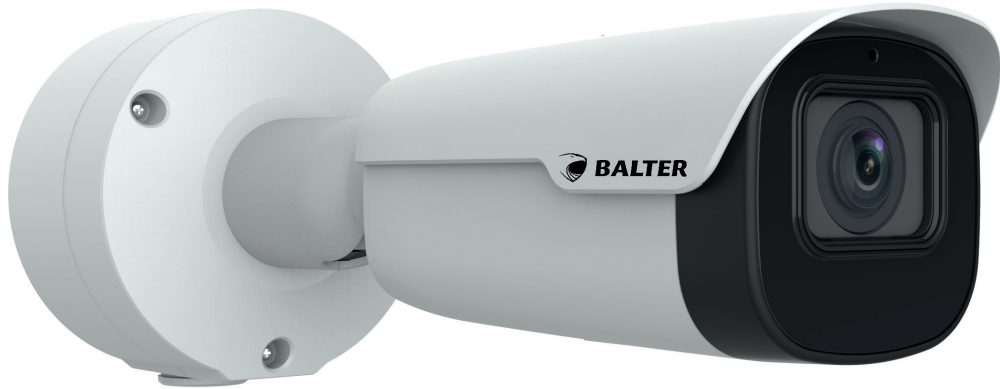


## 2.0 Megapixel IP Bullet Camera, 4.7 ~ 47mm Motorized AF Lens, 1920 x 1080p, NightHawk, ANPR, 1080P@60fps, Ultra H.265, microSD slot, IK10, IP67



1920 x 1080p  
Resolution



H.265 Video  
Compression



4.7-47mm  
Motorized Lens



SMD LEDs  
50M



Wide Dynamic  
Range 140dB



ANPR



MicroSD  
up to 256GB



PoE  
12V DC

### Product information

Balter's IP-T5002AN-IRP ANPR Camera sets a new standard for License Plate Recognition Cameras. AN-PR stands for 'Automatic Number Plate Recognition' and is a specialized Camera designed to capture and recognize Vehicle License Plates. If you are looking for a high performance IP Camera to read license plates at your facility then look no further. A multitude of features need to come together to accurately perform the ANPR functions for your application. The IP-T5002AN-IRP employs a 1/1.8" Starlight Optical Sensor capable of capturing and recognizing vehicles in low light environments. Plates can be captured from stopped or moving vehicles, therefore you can deploy this camera in multiple applications. This is due to a 60fps (Frames Per Second) Video Frame Rate which allows for better image capture and higher quality video. The IP-T5002AN-IRP ANPR Camera has a Motorized Zoom, 4.7-47mm Lens with Auto Focus. Therefore, you can deploy this camera in a wide variety of situations.

### IP-T5002AN-IRP

- 1/1.8" progressive scan CMOS-Sensor
- 2.0 Megapixel resolution: 1920 x 1080p
- H.265 / H.264 Image Compression Method
- 4.7-47mm Day/Night (IR) Megapixel lens
- SMD LEDs - up to 50m Night Vision
- Day/Night function with mechanical IR cut filter
- Time Exposure und Wide Dynamic Range 140dB
- Supports blacklist and whitelist configuration
- Built-in vehicle & license plate recognition, Identification of fake license plates
- NightHawk technology ensures ultra-high image quality in low illumination environment
- Boolean I/O, Audio I/O, microSD up to 256GB
- Weatherproof IP67 housing, IK10, 3-axis
- 12V DC 24V AC and Power over Ethernet (max. 20 Watt)

## Specifications

Sensor	1/1.8", CMOS
Maximum Resolution	2.0MP
Active Pixel	1920 (H) x 1080 (V) @ 60fps
Minimum Illumination	0.001 lux (F1.6)
Lens	4.7 mm to 47 mm
Lens Type	Remote focus and zoom, Autofocus, Day/Night (IR)
IR Range	Up to 50m IR range
Wavelength	850nm
IR On/Off Control	Auto/Manual
Ultra Low Light	NightHawk (Advanced IR-Technology)
Shutter	Auto/Manual, Shutter time: 1/25-1/100000 s
WDR	140dB
Video Compression	H.265, H.264, MJPEG
H.264 code profile	Baseline profile, Main profile, High profile
Frame Rate	Main Stream: 1080P (1920*1080), Max 60fps Sub Stream: 720P (1280*720), Max 50fps Third Stream: D1 (720*576), Max 16fps
Video Bit Rate	128 Kbps ~ 16 Mbps
Single Photo Resolution	1080P (1920*1080); 720P (1280*720); D1 (720*576)
Photo Size	1 ~ 1024 kb
Video OSD Areas	Up to 8 OSDs
Privacy Mask	N/A
ROI	Up to 8 areas
Motion Detection	N/A
Photo OSD Areas	Up to 8 OSDs
Photo OSD	Allows contents including time, license plate number, device ID, camera ID, vehicle body color, whitelist, image authentication ID, custom content (3 items), location
White Balance	Auto/Outdoor / Fine Tune / Sodium Lamp / Locked / Auto2
Digital Noise Reduction	2D DNR / 3D DNR
Smart IR	Supported
HLC / BLC	Supported
Edge Storage	Micro SD, up to 256GB
Network Storage	ANR
<b>Smart</b>	
Application	Entrance & Exit
Vehicle detection mode	Trigger by video (default) or coil
Intelligent recognition	License plate number, number of characters on plate
List configuration	Supports whitelist and blacklist configuration, allows import, export, add, and delete operations
Let through policy	Trigger gate opening by recognized vehicles Trigger gate opening by all vehicles Trigger gate opening by whitelist Trigger gate opening by non-blacklist Configurable boolean output ID
General Function	Watermark, IP address filtering, access policy, ARP protection, RTSP authentication, user authentication
Audio Compression	G.711
Two-way Audio	Supported
Built-in Mic	Supported
Serial port RS485	Supported
Built-in Heater	N/A
Protocols	IPv4, IPv6, UNP, 802.1x, SNMPv2, SNMPv3, DDNS, DNS
Web Browser	Plug-in required live view: IE9+, Chrome 41 and below, Firefox 52 and below Plug-in free live view: Chrome 57.0+, Firefox 58.0+, Edge 16+, Safari 11+
Audio I/O	1/1
Alarm I/O	2 Input, supports level/boolean, with max level up to DC 5V; 1 Output, withstand voltage: AC 125V/0.3A, DC 30V/1A
Video output	N/A

## Specifications

Reset Button	Support
Vandal Protection	IK10
Ingress Protection	IP67
Material	Metal
Operating Temperature / Humidity	-40°C up to 60°C / 0% up to 90% (non-condensing)
Power Consumption	Max. 20W
Input Voltage	12V DC, 24V AC or PoE (IEEE 802.3af compatible)
Adjustment angle	3-axis (Pan: 0° ~ 360°, Tilt: 0° ~ 90°, Rotate: 0° ~ 360°)
Dimensions (L x W x H)	338.5 × 104.1 × 98.7mm (13.3" x 4.1" x 3.9")
Weight	Appr. 1.65kg

