

THK-NC612-VBA32-LPR

2 MP License Plate Recognition Network Camera



KEY FEATURES

- 1/1.8" Progressive Scan CMOS
- 1920 × 1080 @ 60fps
- Color: 0.002 Lux @ (F1.2, AGC ON)
- H.265, H.265+, H.264, H.264+
- 140dB WDR
- 3D DNR
- Alarm I/O
- IP67, IK10
- 1 RS-485 interface
- IR range up to 330 ft
- Five defined streams and up to five custom streams
- 6 behavior analyses, 2 exception detection
- License Plate Recognition
- Supports alarms for listed license plate in the blacklist and whitelist
- Built-in microSD/SDHC/SDXC card slot, up to 256GB



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Camera	Image sensor	1/1.8" Progressive Scan CMOS
	Min. Illumination	Color: 0.002 Lux @ (F1.2, AGC ON), 0 Lux with IR
	Shutter Speed	1 s to 1/100,000 s
	Slow Shutter	Yes
	Day & Night	IR Cut Filter
	Digital Noise Reduction	3D DNR
	WDR	140dB
	Angle Adjustment	Bracket, pan: 0°to 355°, tilt: 0°to 90°, rotate: 0°to 360°
Lens	Focal Length	8 to 32mm
	Aperture	F1.6
	Focus	Auto, semi-auto, manual
	FOV	Horizontal FOV 42.5° to 13.4°, vertical FOV 23.4° to 7.7° diagonal FOV 49° to 15.3°
	Lens Mount	Integrated
	IR Range	up to 330 ft
IR	Wavelength	850 nm
	Video Compression	Main stream: H.265/H.264/H.265+/H.264+ Sub / Third / Fourth / Fifth / Custom streams: H.265/H.264/MJPEG
Compression Standard	H.264 Type	Baseline Profile/Main Profile/High Profile
	H.264+	Main stream supports
	H.265 Type	Main Profile
	H.265+	Main stream supports
	Video Bit Rate	32 Kbps to 16 Mbps
	Audio Compression	No
	Audio Bit Rate	No
	Perimeter Protection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection
Smart Feature-set	Exception Detection	Scene change detection, defocus detection
	Statistics	No
	Face Detection	Yes
	Recognition	License Plate Recognition
	Region of Interest	4 fixed regions for main stream, sub stream, third stream, fourth stream, and fifth stream, and dynamic tracking
	Accuracy (Under recommended installation and lighting conditions)	Capture rate > 98% Vehicle moving direction recognition accuracy > 96% Mistaken capture rate < 2% (entrance/exit), < 5% (checkpoint)
Road Traffic and Vehicle Detection	Blacklist and Whitelist	Max. 10,000 records
	No License Plate Detection	Yes
	Motorcycle LPR	Yes (only applicable to checkpoint)
	Max. Resolution	1920 × 1080
Image	Main Stream	50Hz: 50fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 60fps (1920 × 1080, 1280 × 960, 1280 × 720)
	Sub Stream	50Hz: 25fps (704 × 576, 640 × 480) 60Hz: 30fps (704 × 480, 640 × 480)
	Third Stream	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480)
	Fourth Stream	50Hz: 25fps (1920 × 1080, 1280 × 720, 704 × 576, 640 × 480) 60Hz: 30fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480)

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Image	Fifth Stream	50Hz: 25fps (704 × 576, 640 × 480) 60Hz: 30fps (704 × 480, 640 × 480)
	Custom Stream	50Hz: 25fps (1920 × 1080, 1280 × 720, 704 × 576, 640 × 480) 60Hz: 30fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480)
	Image Enhancement	BLC, HLC, 3D DNR, Defog, EIS, lens distortion correction
	Image Setting	Rotate mode, saturation, brightness, contrast, sharpness, AGC, and white balance are adjustable by client software or web browser
	Target Cropping	Yes
	SVC	H.264 and H.265 encoding
	Day / Night Switch	Day/Night/Auto/Schedule/Triggered by Alarm In/ Triggered by video
	Picture Overlay	LOGO picture can be overlaid on video with 128 × 128 24bit bmp format
Interface	Audio	No
	Communication Interface	1 RJ45 10M/100M/1000M Ethernet port, 1 RS-485 interface (half duplex, HIKVISION, Pelco-P, Pelco-D, self-adaptive)
	Alarm	2 inputs, 2 outputs (up to 24 VDC 1A or 110 VAC 500 mA)
	Video Output	1Vp-p composite output (75 Ω/CVBS)
	On-board Storage	Built-in micro SD/SDHC/SDXC slot, up to 256 GB
	BNC	CVBS analog output (4CIF resolution), internal
	Reset Button	Yes
Audio	Environment Noise Filtering	No
	Audio Sampling Rate	No
General	Firmware Version	5.5.60
	Operating Conditions	-22 °F to 140 °F, -H: -40 °F to 140 °F Humidity 95% or less (non-condensing)
	Power Supply	12 VDC ± 20%, two-core terminal block PoE (802.3at, class 4)
	Power Consumption and Current	-IZS: 12 VDC, 1.2 A, max. 14 W; PoE (802.3at, 42.5 V to 57 V), 0.4 A to 0.3 A -IZHS: 12 VDC, 1.4 A, max. 16.5 W; PoE (802.3at, 42.5 V to 57 V), 0.4 A to 0.3 A
	Protection Level	IP67, IK10
	Heater	-H: yes
	Material	Aluminum alloy
	Dimensions	Camera: Ø5.5" × 13.8" With package: 15.9" × 7.5" × 7.1"
	Weight	Camera: approx. 5.51 lb. With package: approx. 6.06 lb.

ACCESSORIES (OPTIONAL)



Junction Box
DS-1260ZJ

DIMENSIONS

