VIVOTEK
A Delta Group Company

S Series



IB9387-LPR-V2-W (V)

5MP License Plate Recognition Camera

Technical Specifications

System Information	
CPU	Multimedia SoC (System-on-Chip)
Flash	1GB
RAM	2GB

Camera Specifications	
Image Sensor	1/2.8" Progressive CMOS
Max. Resolution	2560x1920 (5MP)
Lens Type	Motorized, Vari-focal, Remote Focus
Focal Length	f = 3.2~10.5 mm
Aperture	F1.6 ~ F3.3
Iris Type	P-iris
Field of View	97.3° ~ 27.9° (Horizontal) 70.3° ~ 20.9° (Vertical) 131.5° ~ 34.9° (Diagonal)
Shutter Time	1/5 sec. to 1/32,000 sec.
WDR Technology	WDR Pro
Day/Night	Yes
Removable IR-cut filter	Yes
Illuminators	6100K White LED *4

Minimum Illumination	0.06 lux @ F1.6 (Color) <0.005 lux @ F1.6 (B/W) 0 lux with IR illumination on
Tilt Range	90°
Rotation Range	180°
Pan/Tilt/Zoom Functionalities	ePTZ: 48x digital zoom (4x on IE plug-in, 12x built-in)
Storage	Built-in 32GB MicroSD card for LPR images Slot type: MicroSD/SDHC/SDXC card slot Seamless Recording
Built-in Installation Aids	Remote focus, remote zoom

Video

Compression	H.265, H.264, MJPEG
Maximum Frame Rate	30 fps @ 2560x1920 (WDR on) 30 fps @ 2560x1440 (WDR on)
Maximum Streams	3 simultaneous streams
Main Stream	30fps @ 2560x1920, 1600x1200, 1280x960, 640x480 (4:3); 30fps @ 2560x1440, 1920x1080, 1360x768, 1280x720, 640x360 (16:9)
2nd Stream	30fps @ 2560x1920, 1600x1200, 1280x960, 640x480 (4:3); 30fps @ 2560x1440, 1920x1080, 1360x768, 1280x720, 640x360 (16:9)
3rd Stream	30fps @ 1280x960, 640x480 (4:3); 30fps @ 1280x720, 640x360 (16:9)
S/N Ratio	60 dB
Dynamic Range	120 dB
Video Streaming	Adjustable resolution, quality and constrained bit rate control, Smart Stream III
Image Settings	General settings video title and time stamp overlay, video orientation (flip, mirror, rotation), day/night settings Illuminators illuminators, anti-overexposure, Smart IR II Image settings white balance, image adjustment (brightness, contrast, saturation, sharpness, gamma curve), defog, 3DNR, EIS, scene mode (LPC-parking lots) Exposure BLC, HLC, exposure control (exposure level, iris adjustment, exposure time, gain control, iris mode), AE speed adjustment, WDR Focus zoom, focus Privacy mask Scheduled profile settings

Audio

Audio Capability	Two-way audio
Compression	G.711, G.726
Interface	External Microphone input External line output

Network

Users	Live viewing for up to 10 clients

Security	Access list, digest authentication, HTTPS , IEEE 802.1x, password protection, secure boot, signed firmware, Trend Micro IoT Security (brute force attack event, cyberattack event, quarantine event), user access log, user account management
Protocols	802.1X, ARP, Bonjour, CIFS/SMB, DDNS, DHCP, DNS, FTP/SFTP, HTTP/HTTPS, ICMP, IGMPv3, IPv4, IPv6, NTP, PPPoE, QoS (CoS/DSCP), RTSP/RTP/RTCP, SMTP, SNMP, SSL, TCP/IP, TLS 1.2, UDP, UPnP
Interface	10 Base-T/100 Base-TX Ethernet *It is highly recommended to use standard CAT5e & CAT6 cables which are compliant with the 3P/ETL standard.
ONVIF	Profile G, S, T supported

AI Analytics

Compute Capability	SoC with built-in hardware deep learning accelerator
Application available with license	VaxALPR

Solution Integration

Embedded Software	VaxALPR
VADP Package	Trend Micro IoT Security (Default 3 years)

Alarm and Event

Event Trigger	Camera: Event notification via digital output, email, HTTP, FTP, NAS server, SD card File upload via email, HTTP, FTP, NAS server, SD card VaxALPR Software: FTP, JSON, XML, TCP Server, TCP client, wiegand protocol supported
Event Action	Event notification via audio clip, camera link, digital output, email, HTTP, FTP/SFTP, NAS server, SD card File upload via email, HTTP, FTP/SFTP, NAS server, SD card

General

Connectors	RJ-45 cable connector for Network/PoE connection Audio line in Audio line out AC 24V DC 12V Digital input *2 Digital output *2 (Dry contact, load voltage 30V AC/DC, load current 1A max)
LED Indicator	System power and status indicator
Power Input	AC 24V, DC 12V, IEEE 802.3at PoE Class 4
Power Consumption	PoE: Max. 26W DC 12V: Max. 29.5W AC 24V: Max. 28W
Dimensions	118 x 118 x 294 mm
Weight	1,3 g

Certifications	EMC CE (EN 55032 Class A, EN 55035), UKCA (BS EN 55032:2015+A11: 2020, BS EN 55035:2017+A11:2020, BS EN IEC 62368-1:2020+A11:2020), RCM (AS/NZS CISPR 32 Class A), FCC (FCC Part 15 Subpart B Class A), ICES (ICES-003 Issue 7), VCCI (VCCI-CISPR 32 Class A) Safety UL (UL 62368-1 Ed.3), CB (IEC/EN 62368-1, EN 62471) Environment IK10 (IEC 62262), IP66/67 (IEC 60529) IA BIS (IS 13252, IEC 60950-1), BSMI (EMC: CNS15936)
Operating Temperature	Starting Temperature: -10°C ~ 60°C (14°F ~ 140°F) Working Temperature: -30°C ~ 60°C (-22°F ~ 140°F)
Humidity	90% (non-condensing)

System Requirements

Operating System	Microsoft Windows 10/8/7 Mac 10.12 (Chrome only)
Web Browser	Chrome 58.0 or above Internet Explorer 10/11
Other Players	VLC: 1.1.11 or above

Included Accessories

Packing Contents	Quick installation guide, alignment sticker, L-shaped wrench, screw pack, waterproof accessory pack, sunshield

Data subject to change without notice. All right reserved. | sales@vivotek.com | www.vivotek.com | Ver. 20260116