

DIGIEYE CAM SY-P4B2Z-WR6

BULLET CAMERA 1080 LPR

DIGIEYE CAM **SY-P4B2Z-WR6** is an IP camera for reading number plates that supports EU / CIS plates and with a recognition fee of over 97%.



The **DIGIEYE CAM SY-P4B2Z-WR6** is fully configurable from DigiEye * systems, compliant with the S ONVIF profile and multi-browser compatible. IP67 certified.

The camera is able to acquire and recognize the vehicle license plate automatically. Save the resources of the back-end system, where the whole process is completed on board. It also provides the configuration of the local black / white list to classify the connection of the vehicle to certain actions, such as the FTP upload image, the relay output control. The license plate must be saved on the camera (500 elements in total), in the meantime the camera automatically loads the license plate information including the license plate number, the country, the license plate image to be hosted via various interfaces as long as the camera acquires a license plate .

For a simple application, the camera can be connected to an access gate controller to automatically activate the access gate switch; for complicated applications, the LPR camera provides the number of plates in real time to the back-end system for further identification, analysis, measurement and registration.

KEY FEATURES

- 1 / 2.8" progressive scan CMOS
- 2.7-12 mm motorized lens(7-22mm optional)
- 25fps / 30fps @ 1080P (1920 * 1080)
- EU + CIS license plates support
- Recognition rate of 97% or higher
- Maximum recognition speed of 50 km / h
- 3D DNR, WDR, ICR
- ROI, Defog, HLC, DIS
- Smart IR up to 60m
- IP67, optional IK10

TECHBOARD
GROUP

SYAC-TB

Sede e Stabilimento

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MULTI
BROWSER

IP

DATA
SHEETS

SYAC-TB

TECHNICAL SPECIFICATIONS

Camera

Image Sensor	1/2.8" Progressive Scan CMOS	
Effective Pixels	1920(H)×1080(V)	
Scanning System	Progressive	
Electronic Shutter	1/5-1/20000s	
Min. illumination	Color:0.001Lux@(F1.2,AGC ON) B/W:0Lux@(IR LED ON)	
S/N Ratio	55dB	
IR Range	Up to 60m	
IR On/Off Control	Auto/ Manual	
IR LEDs	8pcs	
Pan/Tilt/Rotation Range	Pan:0°~360°, Tilt:0°~90°, Rotation:0°~360°	

Lens

Lens Type	Motorized	
Iris	Auto Iris	
Focal Length	2.7~12mm	7-22mm
F Number	F1.3	F1.4
Angle of View	105°~ 32°	40.7° ~16.8°
Focus Control	Motorized	
Close Focus Distance	0.2m	1m

Video

Compression	H.265,H.264,MJPEG	
Max. Resolution	1080P(1920×1080)	
Streaming Capability	3 Streams	
Stream / Frame Rate	Stream1:1920×1080/1280×720 @25/30fps Stream2: D1/VGA/CIF @25/30fps Stream3: 1920×1080/1280×720/D1/VGA/CIF	
Bit Rate Control	CBR/VBR	
Bit Rate	Stream1: 200kbps~12000kbps Stream2: 100kbps~6000kbps Stream3: 100kbps~6000kbps	
Day/Night	ICR	
Image Enhancement	HLC / BLC / Anti-shake / Defog / WDR (>120dB)	
White Balance	Support	
Gain Control	Auto/Manual	
Noise Reduction	2D/3D DNR	
Smart IR	Support	
Mirror	Support	
Region of Interest	Support	
Motion Detection	Support	
Privacy Masking	Support	

Audio

Compression	G.711, RAW_PCM
Bit Rate	64kbps (G.711), 128kps (RAW_PCM)

Network

Protocols:	IPv4/IPv6, 802.1x, HTTP, HTTPS, TCP/IP, UDP/IP, RTSP, DHCP, NTP, RTCP/RTP, PPPoE, SMTP, DNS, UPnP, FTP, APR, SNMP
Interoperability	ONVIF, SDK, CGI
Streaming Method	Unicast
Max. User Access	10 Users
Web Viewer	<IE11, Chrome, Firefox
Management Software	SunView
Smart Phone	IOS, Android

Intelligence

IVS	N/A
Intelligent Video	Embed ANPR, Marx recognition speed of 50Km/h, 1000 whitelist & black list, FTP image upload.

License Plate Recognition

LPR Setting	Recognition area & Country Configurable, Black/White List Configuration, Linkage function, Search function
Info. Overlay	Capture time, plate info.
Number Plate Recognition Area	European/CIS
Integration	ONVIF

Interface

Ethernet	1 Ethernet (10/100 Base-T) RJ-45 Connector
Audio Interface	1ch Audio Input /Output
Alarm	1ch Alarm Output
RS485	Support
BNC Output	N/A
Reset Button	Support
Edge Storage	Built-in Micro SD/SDHC/SDXC slot, up to 128G

Electrical

Power Supply	DC12V/POE (IEEE 802.3af)
Power Consumption	5W(IR LED OFF),8W (IR LED ON)
Operating Temperature	Starting Temperature: -30°C ~ 60°C (-22°F ~ 140°F) Working Temperature: -40°C ~ 60°C (-40°F ~ 140°F)
Operating Humidity	Less than 90% RH
Ingress Protection	IP67 (IK10 optional)
Certifications	CE / FCC
Casing	Metal
Dimensions	φ110×375.5mm
Net Weight	1680g

DIMENSIONS(MM)

