

VAL-12MP-BOX CAMERA



SYSTEM OVERVIEW

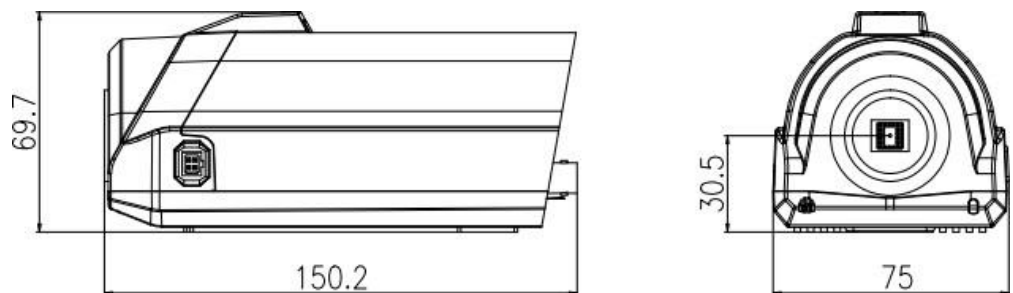
Project series products by upgrading H.265 encoding technology, bringing high efficient video compression. It saves bandwidth and storage, energy-saving design to enhance the monitoring system.

The series offers features such as starlight, Smart IR technology, intelligent image analysis techniques.

It provides excellent image quality and intelligent and efficient event reminders.

- 12MP Network Box Camera
- 1/1.7" Progressive Scan CMOS
- 20fps@12MP(4000*3000)
- Triple Streams, Triple Power Supply
- Low bitrate, Excellent low light performance
- dWDR,3D DNR
- 3D DNR, WDR, ICR
- ROI, Defog, HLC, Corridormode, DIS
- Auto back focus (ABF)
- Built-in SD/SDHC/SDXC slot

DIMENSION



- Measurement is in millimeter (mm)

TECHNICAL SPECIFICATION

Camera	
Image Sensor	1/1.7" Progressive Scan CMOS
Effective Pixels	4000(H)×3000 (V)
Scanning System	Progressive
Electronic Shutter	1/5-1/20000s
Min. illumination	Color:0.009Lux@(F1.2,AGC ON) B/W:0.0009Lux@(F1.2,AGC ON)
S/N Ratio	55dB
IR Range	N/A
IR On/Off Control	N/A
IR LEDs	N/A
Pan/Tilt/Rotation Range	N/A
Lens	
Lens Type	N/A
Iris	DC Auto Iris
Focal Length	N/A
F Number	N/A
Angle of View	N/A
Focus Control	N/A
Close Focus Distance	N/A
Video	
Compression	H.265,H.264,MJPEG
Max. Resolution	12MP(4000×3000)
Streaming Capability	3 Streams
Stream / Frame Rate	Stream1: 4000×3000@20fps, 4096×2160/3840×2160/ 1920×1080/1280×720 @25/30fps Stream2: D1/VGA/640×360/CIF/QVGA @25/30fps Stream3: VGA/CIF/QVGA @25/30fps
Bit Rate Control	CBR/VBR
Bit Rate	Stream1: 500kbps~16000kbps Stream2: 100kbps~6000kbps Stream3: 100kbps~3000kbps
Day/Night	ICR
Image Enhancement	HLC / Defog / dWDR
White Balance	Support
Gain Control	Auto/Manual
Noise Reduction	2D/3D DNR
Electronic Image Stabilization	Support
Smart IR	N/A
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
Streaming Method	Unicast
Max. User Access	10 Users
Web Viewer	<IE11, Chrome, Firefox
Management Software	IMS 3.0
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.
No. Plate / Recognition Area	European/CIS
Integration	ONVIF
Interface	
Ethernet	1 Ethernet (10/100 Base-T) RJ-45 Connector
Audio Interface	1ch Audio In,1ch Audio Out, 1ch Built-in Mic
Alarm	1ch Alarm In,1ch Alarm Out
RS485	Yes
BNC Output	Yes
Reset Button	Yes
Edge Storage	Micro SD, Max 128GB
Electrical	
Power Supply	AC24V/DC12V/POE
Power Consumption	5W(MAX)
Operating Temperature	Starting Temperature: -10°C ~ 50°C (14°F ~ 122°F) Working Temperature: -20°C ~ 50°C (-4°F ~ 122°F)
Operating Humidity	Less than 90% RH
Ingress Protection	N/A
Certifications	CE / FCC
Casing	Metal
Dimensions	150.2mm×75mm×69.7mm
Net Weight	400g

SERVICES AVAILABLE

- Technical Support
- Installation and Setup
- Maintenance
- Application Support
- Hardware Support
- Guaranteed Warranty

ACCESSORIES

Optional :



Housing Box



Wall Mount



VALVUR

We care about your protection