

2M HD IP 20x Zoom Box

XV-BX2204-I



- 240x Zoom Control (Optical 20x, Digital 12x)
- RS485 interface
- Speed (MAX.240°/sec) & Smooth Manual Speed (MIN. 0.1°/sec)
- Ultra Low Vibration due to S-curved acceleration & deceleration.
- Day & Night (ICR) with Alphanumeric Labels
- 256 Preset Positions
- 4 Patterns
- Power-up Action, Watch Timer
- Built-in 4 Sensor Inputs and 2 Relay Outputs



[IP Features]

Real-time High Definition Speed Dome Camera

Using the state of art video compression engine, real time HD video streams of 1080p and 720p can be delivered for recording and monitoring.

Triple codec, Simultaneous Multi-Streaming

Triple H/W codec enables to transmit Max 3 independent streams with different settings for different requirements. Therefore, it is possible to combine seamless remote video monitoring using H.264 with simultaneous transmission of high quality H.264 to Network Video Recorder. Also, additional MJPEG can be delivered for Mobile devices such as Smart Phone or PDA.

High Resolution + Low Bit rate

This module supports H.265/H.264 compression, based on dynamic ROI (Region of Interest) etc video compression optimization techniques, with characteristics of low delay and lower bit rate. Relative static scenes image can be as low as 600Kbps @1080p30, maximally to save network bandwidth and storage space.

WDR + Low Illumination

This module also has gorgeous low illumination, digital WDR and HSBLCL, it can be adapted to low light, high contrast and high-light environments.

Local SD Card Backup

Some important sequence of still images can be stored in the SDHC memory card. This action can be configured to work with pre-post alarm event or a given interval.

[Unique Features]

Virtual Joystick on the Image

Virtual Joystick is inspired by real 3-Axis Joystick. You can decide PT direction by right clicking the image and change the zoom in out by scrolling mouse wheel. The PT speeds are proportional to how much you deviate mouse from the center. Using this function, control of PTZ is done in instinctive manner.

Rich Interfaces

With rich expansion interfaces, this zoom module can support Ethernet, CVBS, SDHC, Alarm In/Out, RS485, Audio In/Out and Power.

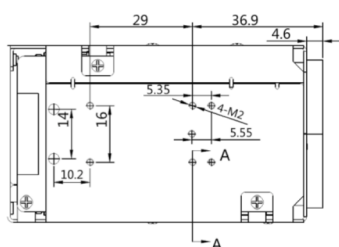
Specification

Camera	
Image Sensor	1/2.8" Progressive Scan Exmor CMOS
Effective Pixels	Approx. 2.1 Mega pixels
Aspect Ratio	HD: 16:9 SD: 4:3
Zoom	20x Optical Zoom / 12x Digital Zoom
Focal Length	f = 4.7 ~ 94.0 mm, F1.6 ~ F3.5
Horizontal angle	51.3°(W) ~2.8 °(T)
MIN. Illumination	Color: 0.05Lux B/W: 0.02 lux
Day & Night	Auto / Day / Night (ICR)
Focus	Full Auto (Near Limit setting) / Semi Auto / Manual
DNR	3D-MCTF digital noise reduction
Shutter Speed	1/25 ~ 1/10000 sec (12 Step)
AGC	AUTO / MANUAL / MAX Gain Limit
White Balance	AWB/AGC/AE/AIC
WDR	AUTO / MANUAL /BLC
Other Functions	POWER UP ACTION, Defog, Home Position Setting, Parking Action
Pan / Tilt (subject to Pan Tilt Mechanism)	
Range	Pan : 360° (Endless) Tilt : 0°~90° (Flip)
Pan/Tilt Speed	Preset : 240°/s Manual : 0.1°~720°/s (Zoom Proportional) Scan : 1.4°~ 150°/s
Preset	256 Presets with Labels
Pattern	4 Patterns
Group	8 Groups (MAX. 32 Entries for Each Group)
General	
Digital In/Out	Built-in 4 Inputs and 2 Relay Outputs
Serial Port	RS-485
Video Out	BNC: VBS 1.0 Vp-p
Infrared	IR Distance: 0m~180m, Wave: 850nm
Power	AC 24V
Material	Body: Aluminum
Dimension	Net : 89.2 x 50 (H) mm x 60 (W) mm
Weight	Net: 0.25 Kg
Operating Temp.	0°C ~ 60°C (-22°F ~ 122°F)
Humidity	20 ~80%(Non condensing)
Network	
Interface	10/100BASE-T
Video Compression	Triple Codec, H.264/H.265/MJPEG
Video Streaming	Multi Streaming CBR/VBR (Controllable frame rate and Bandwidth)
Resolution	All Codec:1080p,720p,D1,CIF

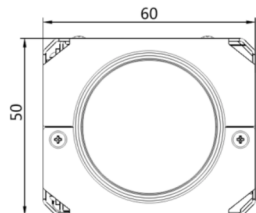
	MJPEG : CIF
Frame Rate	Max. 30/25 fps in 1080p/720p/D1/CIF/QCIF
Audio Compression	Two way, G.711 PCM. μ -law 64kbps 16kHz
Local Storage	SDHC memory card (card not included)
Alarm	Pre-Post Alarm
Max No. of Clients	5
Protocols Supported	IPv4, ONVIF, TCP/IP, UDP/IP, RTP(UDP), RTSP, NTP, HTTP, DNS, DDNS, DHCP, FTP, SMTP
Protocols Supported	IPv4 Pv4, TCP/IP, UDP, HTTP, DHCP, RTP/RTCP, FTP, UPnP, DDNS, NTP, IGMP, ICMP
Security	HTTPS(SSL), Digest Authentication(ID/PW)
OS Supported	Windows 7, 10

Dimensions

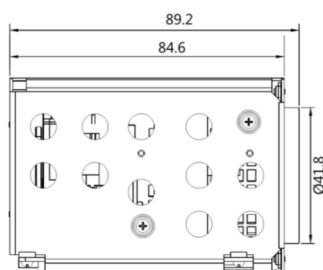
Left View



Front View



Upward View



Back View

