

Application Areas



Educational Institutes



Board Rooms



Training Rooms



Conference Rooms

and many more..

Nationwide Sales & Service Presence



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Video Conferencing 4K Ultra HD PTZ Camera

Globus Impact Series - IMPACT VC 12 4K

Perfect need-based camera catering to the conferencing requirements of huddle rooms, conference rooms, auditoriums, etc. of varied dimensions and sizes. It offers 4K Ultra HD resolution also provide crystal clear image even under low light conditions.

Communication
made
Impactful



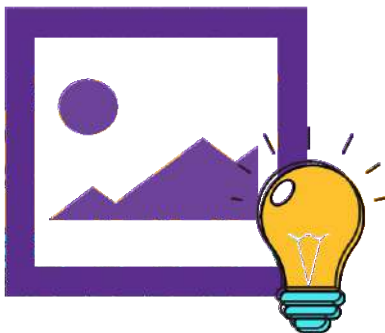


High Resolution and Optimum Zoom

Comes with a superior and crystal-clear video resolution of 2160 p which supports up to 12x of powerful optical zoom. It brings a vast range of clarity to your video conferencing while increasing the communication capability.

Design & Construction

Solid and rugged video conferencing which imparts a premium look to your experience. It can be mounted on the top panel/monitor for better space management.

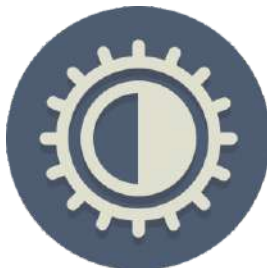


High Quality Images in Low Light

The CMOS sensor accounts for exception performance and high quality images even in low light conditions due to its high signal-tonoise ratio.

Auto White Balance and Brightness Control

Adjusts brightness and white balance automatically to optimize video quality. This feature helps the user attain a flawless video conferencing output.



Technical Specification

4K UHD PTZ Video Conferencing Camera

Model	IMPACT VC 12 4K
Optical Zoom	12x
Digital Zoom	16x
Camera Resolution	Up to 2160p
Sensor	1/2.5" CMOS Sensor
Effective Pixels	8.3 M
Scanning Mode	Progressive
Lens	f = 4.4mm ~ 52.8mm, F1.8 ~ F2.6
Minimal Illumination	0.5 Lux @ (F1.8, AGC ON)
Shutter	1/30s ~ 1/10000s
White Balance	Auto, Indoor, Outdoor, One Push, Manual
Backlight Compensation	Support
Digital Noise Reduction	2D&3D Digital Noise Reduction
Video S/N	≥55dB
Field of View	82°
Horizontal Rotation Range	±170°
Vertical Rotation Range	±30°
Pan Speed Range	1.7° ~ 76°/s
Tilt Speed Range	0.5° ~ 15°/s
H & V Flip	Support
Number of Pre-set	255, 10 pre-sets on Remote control
Pre-set Accuracy	0.1°
Video System	HDMI: 4K@30fps, 1080P@60fps, 1080P@50fps, 1080I@60fps, 1080I@50fp, 1080P@30fps, 1080P@25fps, 720P@60fps 3G-SDI: 1080P@60fps, 1080P@50fps, 1080I@60fps, 1080I@50fp, 1080P@30fps, 1080P@25fps, 720P@60fps

Operational Requirement	
Resolution	4K Ultra HD with super resolution up to 4K@30fps/25fps encoding output, and down compatible with 1080p,720p.
Redundant Power Supply	Two power supply method for power redundancy Supports 12V power adapter power supply and PoE power supply
PoE Power Supply & Controlling	PoE power supply for control, Video and audio only need one network cable
Built-in OLED display	Built-in OLED display to show HDMI and SDI output resolution, frame rate and IP address and other information
Built-in gravity sensor	Built-in gravity sensor to support automatic image flip function, while ceiling mount installation
Low Light	High quality CMOS sensor and 2D/3D noise reduction to reduce image noise, clear and sharp even in low light environment, and the SNR high more than 55dB
Remote control	Camera can be remote controlled by the high-speed communications

USB Feature	
Operate System Supported	Windows 7, Windows 8, Mac OS X, Linux, Android
Colour System / Compression	YUY2 / H.264 / MJPEG
Video Format	YUY2: 1080P@30fps, H.264 AVC/SVC: 2160P@30fps, MJPEG: 1080P@60fps
Audio on USB	Support
USB Video Communication Protocol	UVC 1.0 ~ UVC 1.5
UVC PTZ	Support

Network Feature	
Video Compression	H.264/MJPEG
Video Stream	Main Stream, Sub Stream
Main Stream Resolution	3840x2160, 1920x1080, 1280x720, 1024x576
Sub Stream Resolution	720x576, 720x480, 640x480, 640x360, 480x320, 320x240
Video Bit Rate	H264: ~60Mbps MJPEG: ~200Mbps
Bit Rate Type	Variable Rate, Fixed Rate
Frame Rate	50hz: 30fps in 4K, 50fps in 1080p, 60hz: 30fps in 4K, 60fps in 1080P
Audio Compression	AAC, G711
Audio Bit Rate	48Kbps, 64Kbps, 96Kbps, 128Kbps
Support protocols	TCP/IP, HTTP, RTSP, RTMP, Onvif, DHCP, Multicast

Input/Output Interface	
Video Output	1xHDMI, 1x3G-SDI, 1x USB 3.0, 1x RJ45
Audio Interface	1-ch: 3.5mm Audio Interface, Line In
USB Interface	1xUSB3.0, up to 4K@30fps compression video and 1080p original video
Network	1xRJ45: 10M/100M/1000M Ethernet Interface, support PoE
Communication Interface	1xRS232 In, 1xRS232 Out, 1xRS485
Power Jack	JEITA (DC IN 12V)

Generic Specification	
Input Voltage	DC 12V, PoE(802.3af)
Current Consumption	12V - 1.0A(MAX)
Operating Temperature	-10°C ~ 40°C
Storage Temperature	-40°C ~ 60°C
Power Consumption	12W (Max)
Certifications	CE, RoHS, FCC

Due to continuous product development, the specifications may change without prior notice.
**Product image(s) are for illustrative purposes only and may differ from the actual product.

Application Areas



Educational Institutes



Board Rooms



Training Rooms



Conference Rooms/
Seminar Halls

and many more..