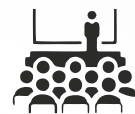# Application Areas

Educational Institutes

Board Rooms

Training Rooms

Conference Rooms

and many more..

Nationwide Sales & Service Presence

Possibilities **Unlimited**

Corporate Office: A-65, Sector-4, Noida, District Gautam Budh Nagar,
Uttar Pradesh - 201301, India | **Phone:** +91-120-4051700, 4051800
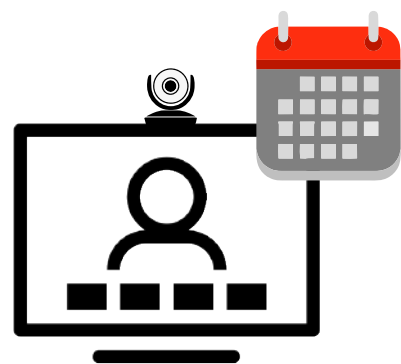**Email:** info@globusinfocom.com | **www.globusinfocom.com**

Video Conferencing
Full HD Resolution

Globus Impact Series

Globus Video Conferencing Endpoint is a next-generation conferencing solution that provides a uniquely impressive collaboration experience with its UHD resolution, one-touch USB recording and content sharing. Endowed with advanced features, it enhances productivity and improves quality of interaction during a video conference.

Communication
made
Impactful

GLOBUS
INFOCOM LIMITED

Calendaring Feature

Set up an instant video conferencing or schedule a meeting for a later time with just one click. Globus Video Conferencing Solution is as flexible as it gets, giving you utmost freedom to align your meetings the way you want. You can simply mention the IP address of the participants of the meeting and schedule a meeting accordingly. Your participants will receive a notification using which they can join the meeting on the designated time.

Web Conference Management

With easy-to-use and intuitive web conference management interface, users can simply access their Video Conferencing Endpoint remotely and even conduct or schedule a call. Also, the PTZ controls , Microphone control of Endpoints can be accessed via the user-friendly web interface for greater flexibility of application.

USB Recording at Full HD

This unique feature of Globus End-Point() facilitates one-touch USB recording, transforming a USB drive into an elaborate video archive. The entire conference and shared content are stored directly to a USB device to avoid post-meeting information loss.
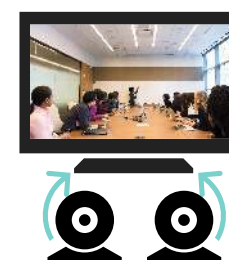
Inbuilt AES 256 Bit Encryption

When holding an important video conference, data security and privacy cannot be overlooked. Therefore, to safeguard your virtual meetings, Globus Video Conferencing Endpoints are equipped with industry-leading AES-256 encryption. It allows users to enjoy encrypted video conferences without worrying about cyberthreats.

Feasible Connectivity

Easily connect Globus Video Conferencing Endpoints with a dedicated mobile application for Android and Windows. Join a video conference anytime, from anywhere simply by logging into the mobile application. Additionally, our solution is equipped with multiple input/output ports for content sharing and video output to give our users the ease to connect multiple input devices including video conferencing camera, laptop and PC.
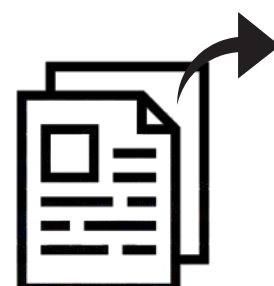
Dual Codec 1080p @60fps

With Globus Video Conferencing End Point (), 'Dual Stream' of video and content can be shared seamlessly with remote locations at 60fps. This feature lets you share the content with participants while engaging with them in the same meeting space.

Collaborative Experience with Content Sharing

Experience natural, real-time collaborations and communications with Content Sharing that allows presenter to share presentations, files, images and more to create a smooth and interactive video conferencing environment.

Optimal Bandwidth Utilization with H.265

H.265 provides for even more efficient encoding, cutting the required bandwidth needed to send a video signal by 50%. It offers improved compression algorithms and faster computing power to reduce required bandwidth. H.265 video compression technology makes even highest quality video calls with less bandwidth and better network adaptability.
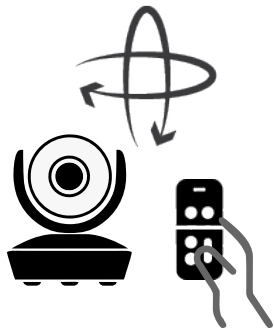
Support Interactive feature

Enjoy the benefit of interactivity in a video conferencing via USB connectivity. Simply connect Endpoint to an Interactive Display via a HDMI and USB to conduct video conferencing sessions on a touch-enabled display seamlessly.

Split-Screen Modes

Enjoy the benefits of multitasking with the Split Screen feature of our Video Conferencing Endpoint. Share content on one screen while displaying the video of participants on another, gives you added flexibility of sharing multiple ideas at the same time.
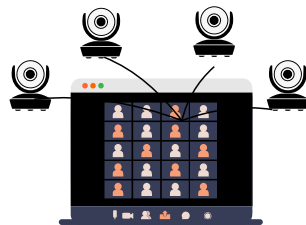
Smart RF remote with built-in Air Mouse

Control the Pan, Tilt and Zoom of the Video Conferencing Camera along with other functions with a handheld remote. This plug & play, simple to use remote with an inbuilt Air Mouse lets you operate it by simply moving it directly in the air. Navigate through your video conferences easily with the Smart Wireless remote and control your solution from anywhere in the room.

Multiple Video Interface

Connecting multiple cameras with an Endpoint is now uncomplicated and hassle-free. With its multiple video inputs, Globus Video Conferencing Endpoints allow users to connect more than one camera to the endpoint, therefore increasing the usability of the solution. Switch easily between cameras and content with the wireless remote that accompanies the solution.

Technical Specification

Model	Impact EPLT8VC12
Multisite Conferencing	1+15 (Sixteen Participants)
Main Screen (Video) Resolution	3840x2160(60FPS), 3840x2160(30FPS), 1920x1080(60FPS), 1920x1080(30FPS), 1280x720(60FPS), 1024x720(60FPS)
Extended Screen (Content) Resolution	1920x1080(60FPS), 1920x1080(30FPS), 1280x720(60FPS), 1024x720(60FPS)
Dual Stream	Dual 1080p @60fps
Image features	PIP, Single screen, Dual screen and Multiscreen

Audio Specifications and Features	
Audio Features	AEC(Acoustic Echo Cancellation), AGC(Automatic Gain Control), ANS(Active Noise Suspension)

Applications	
Recording	Full HD USB Based Recording at endpoint
Secure Connection	AES-256 Encryption
Calendaring	Inbuilt Meeting Scheduling/Calendaring Feature
Dual Codec	Dual Codec 1080p @ 60 fps
Network Connectivity	Wired (LAN) and Wireless (Wi-Fi) Connectivity
Wireless Remote Control	2.4 G Wireless remote control for smooth control
Additional Features	Audio associated with presentation, Same View, Timing power on and power off, Automatic standby and wake up on incoming call, DNS SRV, Touch Screen Function through USB, Asymmetric bandwidth, Automatic to get static NAT address, Various Layout options, Dual Video Output through HDMI, Network address book, Built-in MCU, Web-based conference management, USB microphone, Remote upgrade by network

Standards and Protocols	
Call Protocols	H.323, SIP
Video Protocols	H.261,H.263,H.263+,H.264,H.264 HP, H.265
Audio Standards and Protocols	G.711,G.722,G.722.1,G.722.1C,OPUS
Dual Stream	H.239
Other Standards	H.235, H.245
Network Standards and Protocols	TCP/IP, DHCP, SSH, HTTP, HTTPS with SSL/TLS, RTP, NAT,NTP,UDP

Security and Stability	
Network	FEC (Forward Error Correction)Eliminate Mosaic, ARQ (Automatic Repeat-reQuest),IFC (Intelligent flow control), APD (Automatic port detection)
Security	• H.235 (AES) signalling and media stream encryption • Administrator password, SSH/HTTPS
Firewall Traversal	H.460, ICE
Bandwidth	64kbps ~ 8Mbps

Interface

Audio	Input:1 x RCA,1 x XLR; Output: 1 x RCA, 1 x HDMI
Video	Input: 4 x HDMI; Output: 3 x HDMI
USB Interface	2 x USB2.0, 2 x USB3.0
Network Interface	2 x 10/100/1000M RJ45
Communication Port	1x RS232 Port
Power Adaptor	DC 12V/5A
Connectivity	LAN & WIFI
Screen at front side	Front side of codec showing Network IP address

Physical Characteristics

Electrical	DC12V/5A
Environmental	Temperature: 0°~35°C (working state); -4°C~55°C (non-working state) Relative humidity: 10%~80%R.H (working state); 0%~95%R.H (non-working state) (non-condensing)

Full HD PTZ Camera

Sensor	1/2.8", CMOS, Effective Pixel: 2.07M
Scanning Mode	Progressive
Lens	f3.5mm ~ 42.3mm, F1.8 ~ F2.8
Zoom	Optical: 12x; Digital: 16x
Minimal Illumination	0.5 Lux @ (F1.8, AGC ON)
Shutter	1/30s ~ 1/10000s
White Balance	Auto, Indoor, Outdoor, One Push, Manual
Video S/N	≥55dB
Field of View	80 degrees
Rotation Range	Horizontal: ±170 degree; Vertical: Minus 30 degrees ~ Plus 90 degree
Speed Range	Pan: 1.7 degrees ~ 100 degrees per second; Tilt: 1.7 degrees ~ 70 degrees per second
Number of Preset	255
Preset Accuracy	0.1°
Video System	1080p/60, 1080p/50, 1080i/60, 1080i/50, 1080p/30, 1080p/25
Other Features	Backlight Compensation, H & V Flip, Image Freeze, Digital Noise Reduction: 2D&3D Digital Noise Reduction

USB Featured

Operate System	Windows 7, Windows 8, Windows 10, Mac OS X, Linux, Android
Color System	YUV 4:2:2
Video Format USB 3.0	1080P@60fps
Audio on USB	Support

IPC Features

Video	H.264/MJEPG
Video Stream	Main Stream, Sub Stream
Stream Resolution	Main: 1920x1080, 1280x720, 1024x576; Sub: 1280x720, 720x576, 320x240
Video Bit Rate	328Kbps ~ 20480Kbps
Bit Rate Type	Variable Rate, Fixed Rate
Frame Rate	50Hz: 1fps ~ 50fps, 60Hz: 1fps ~ 60fps
Audio Bit Rate	AAC; 96Kbps, 128Kbps, 256Kbps
Support protocols	TCP/IP, HTTP, RTSP, RTMP, Onvif, DHCP, Multicast

Operational

Audio Encoding	AAC audio encoding, better sound quality and smaller bandwidth
Local Storage	Local storage module, directly recording to local USB flash disk
Low Light	High SNR of CMOS sensor, even under low illumination conditions, picture can still keep clean and clear
Remote Control	Camera can be remote controlled by the high-speed communications

Input/Output Interface

Video Output	1xUSB3.0, 1x HDMI, 1x RJ45
Network Interface	1xRJ45: 10M/100M Ethernet Interface
USB Interface	1x USB 3.0 Type -C
Audio Interface	1-ch: 3.5mm Audio Interface Line In
Communication Interface	1xRS232 In, 1xRS232 Out, 1xRS485
Power Jack	JEITA type (DC IN 12V)

Generic Specification

Input Voltage	DC 12V
Current Consumption	1.0A (Max)
Temperature	Operating: -10℃ ~ 40℃; Storage: -40℃ ~ 60℃
Power Consumption	12W (Max)

Accessories

Remote Control, HDMI Cable, Power Cable, Omni Directional Microphone/s, User Manual

Safety Standards

Certification	BIS, 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.