

# Application Areas



Educational Institutes



Board Rooms



Training Rooms



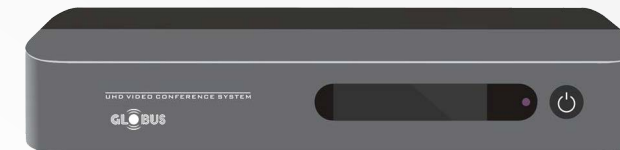
Conference Rooms/  
Seminar Halls

and many more..

Nationwide Sales & Service Presence



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## Video Conferencing

### Full HD Resolution

Impact Series - Impact EPLT8

Perfect need-based solution catering to the conferencing requirements of huddle rooms, conference rooms, auditoriums, etc. of varied dimensions and sizes. Globus End-Point solutions offers a cost-effective way to connect users through uninterrupted, smooth multi-site conferencing.

Communication  
made  
Impactful

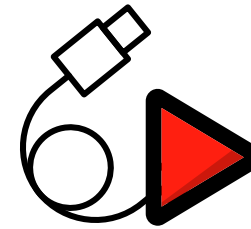




## Support Full HD Resolution

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Globus Video Conferencing end point solution supports H.265 Video compression technology with ultra low bandwidth to provide Full HD video resolution



## Supports USB-Based Recording

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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.

## Design & Construction

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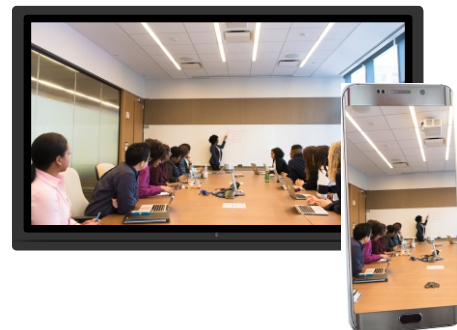
Solid and rugged video conferencing which imparts a premium look to your experience. It can be mounted on the top panel/monitor for better space management.



## Inbuilt AES 256 Encryption

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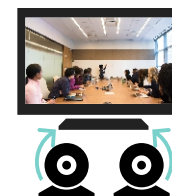
It is equipped with AES-256-bit Encryption, which ensures your data is encrypted following an approved standard. It guarantees high security for your video streaming and shared data.



## Feasible Connectivity

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Allows users to enjoy video conferencing on PC, laptop and smartphone with crystal clear video and sound. This feature imparts flexibility to the participants to join the conference from wherever they are.



## Dual Codec Full HD @1080p

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It supports Dual Codec which allows users to stream (Main Camera + Auxiliary Camera or Camera + Content) with Full HD resolution @1080p

## Collaborative Experience with Content Sharing

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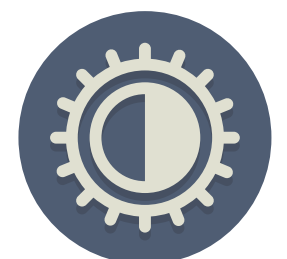
Globus End-Point allows participants to share content like video, images, presentations and tables in real time for more collaborative and interactive video conferencing experience.



## Auto White Balance and Brightness Control

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Globus End-Point adjusts brightness and white balance automatically to optimize video quality. This feature helps the user attain a flawless conferencing output.







## Automatic Wake Up and Standby

It supports automatic Wake-Up/Standby feature which enables the camera to facilitate schedule-based power on/off. On incoming calls, the video conference camera automatically wakes up, thus saving time.

## Split-Screen Modes

In case of multiple participants in a video conference, Globus End Point offers bi-screen and tri-screen video output to get an enlarged and clear view of each participant. They also allow the users to view content and video on separate displays.



## Picture-in-Picture Modes

It comes with Picture-in-Picture feature that offers multiple layouts to the users. It displays the videos during the conference in a specific way.

## Optimal Bandwidth Utilization

Offers high-quality video conferencing experience even in low bandwidth conditions, thus making them ideal for areas with inadequate telecommunication infrastructure.



## Globus Video Conferencing End-Point Solution: Connecting People Beyond Boundaries

Video Conferencing has become an indispensable need of every organization. Globus Video Conferencing Solution conducts virtual sessions between multiple participants located at different sites. Endowed with futuristic features and design, it comes with a powerful optical zoom, full HD resolution along with endless communication possibilities.

Without any demographic barriers, users can connect to real-time sessions by using laptop, mobile, desktop or interactive display. This makes Globus End-Point a workable & convenient system as it increase work productivity and save time and money.

Aided by Dual Codec, it allows participants to stream the main camera along with the auxiliary camera or camera along with the content to provide unparalleled video conferencing experience.

## Few of Globus End-Point Attributes

- Video Conferencing Resolution up to 1080p @ 60 FPS
- USB based recording @1080p
- Content sharing available
- Dual streaming 1080p @60fps web based conference
- Supports split Bi & Tri screen display output
- Remote control H.224, H.281 to control far end cameras
- Compatible with third party VC system
- Bandwidth limit can be controlled by users
- Automatic standby and wake up feature available

# Technical Specifications

Model	Impact EPLT8
Multisite Conference	Point to Point (upgradable)
Video Conferencing System Resolution	Up to 1080p @ 60fps
Recording Feature	Recording @ 1080p
Main Screen (Video) Resolution	1920x1080(60FPS), 1920x1080(30FPS), 1280x720(60FPS), 1024x720(60FPS)
Extended Screen (Content) Resolution	1920x1080(60FPS), 1920x1080(30FPS), 1280x720(60FPS), 1024x720(60FPS)
Other Video Features	PiP (Picture in Picture), PoP (Picture outside Picture), Side by Side

Standards and Protocols	
Video Standards and Protocols	H.265, H.264, H.264 High Profile
Audio Standards and Protocols	G.711, G.722, G.722.1, G.722.1C, OPOS
Dual Stream	ITU-T H.239, BFCP
Network Standards and Protocols	TCP/IP, DHCP, SSH, HTTP, HTTPS

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

Security and Stability	
Security	<ul style="list-style-type: none"><li>H.235 (AES) Signal and media stream encryption</li><li>Administrator password, SSH/HTTPS</li></ul>
Firewall Traversal	H.460
Bandwidth IP	64kbps ~ 8Mbps
Network Stability	FEC (Forward Error Correction)Eliminate Mosaic, ARQ (Automatic Repeat-reQuest),IFC (Intelligent flow control), APD (Automatic port detection)

Interface	
Audio Input	Line In Jack x 1, Mic-In Jack x 1
Audio Output	Line Out Jack x 1, HDMI Audio Output x 1
Video Input	HDMI x 3
Video Output	HDMI x 2
Communication Interface	RS232 In x 1
USB Interface	USB 2.0 (Support USB Flask disk, USB microphone ) x 2
Network Port	RJ45 x 10/100/1000 Base-T x 1

Applications	
Languages	<ul style="list-style-type: none"><li>English</li></ul>
Approval and Compliance	<ul style="list-style-type: none"><li>Local address book</li><li>Network address book</li></ul>
Special Features	<ul style="list-style-type: none"><li>Audio associated with presentation</li><li>Timing power on and power off</li><li>Automatic standby and wake up on incoming call</li><li>Support DNS SRV, QOS Policy, Diffserv</li><li>Asymmetric bandwidth</li><li>Automatic to get static NAT address</li><li>Built In wi-fi connectivity</li><li>Support Full HD USB based recording at end point</li><li>Support 2.4G wireless remote control for smooth control</li><li>Support built in mcu</li><li>Support web-based conference management</li><li>Support USB microphone</li><li>Support touch screen function through USB for Interactive Display</li></ul>

Full HD PTZ Camera	
Zoom	12x Optical, 16x Digital
Camera Resolution	Up to 1080p 60 fps
Sensor	1/2.7" CMOS Sensor
Effective Pixel	2.07M
Scanning Mode	Progressive
Lens Focus Arrangement	f = 3.5mm ~ 42.3mm, F1.8 ~ F2.8
Minimal Illumination	0.5 Lux @ (F1.8, AGC ON)
Shutter	1/30s ~ 1/10000s
White Balance	Auto, Indoor, Outdoor, One Push, Manual
Digital Noise Reduction	2D&3D Digital Noise Reduction
Video S/N	≥55dB
Horizontal, Vertical Angle of View	view 73° ~ 7°- 45° ~ 4°
Pan/Tilt Range; Speed	Range ±170°/-30° ~ 90° ; 1.7° ~ 100°/s - 1.7° ~ 70°/s
H & V Flip	Support
Number of Preset	255
Preset Accuracy	0.1°
Video System Resolution	1080P@60fps, 1080P@50fps, 1080I@60fps, 1080I@50fp, 1080P@30fps, 1080P@25fps, 720P@60fps, 720P@50fps

Feature and I/O Interface	
Video Compression	H.265, H.264, MJPEG
Network Protocols	TCP/IP, HTTP, RTSP, RTMP, DHCP, ONVIF, Multicast
Multiple interfaces	HDMI x 1, USB 3.0 x 1, RJ45 x 1
Low Light	Star-level ultra-high noise ratio
Remote control	Remotely controlled all the parameters of the camera
Audio Interface	1-ch: 3.5mm Audio Interface, Line In
USB Interface	USB 2.0: Type A x 1
Network	RJ45: 10M/100M Ethernet Interface x 1
Communication Interface	RS232 In & Out: 8pin Min DIN, Protocol: VISCA/Pelco-D/Pelco-P
Power Jack	JEITA (DC IN 12V)

Physical Characteristics	
Dimesions	<ul style="list-style-type: none"><li>Camera dimensions (L x W x H): 169mm x 142mm x 164mm</li><li>Codec dimension (L x W x H): 440mm x 225mm x 45mm</li></ul>
Electrical	<ul style="list-style-type: none"><li>Working voltage: AC 100V ~ 240V, DC 12V</li><li>Working frequency: 50/60Hz</li><li>Power consumption: &lt; 55W</li></ul>
Environmental Specification	<ul style="list-style-type: none"><li>Operating temperature: 0°C to 45°C</li><li>Operating humidity: 10% to 85%</li></ul>

Safety Standards	
Certification	CE and RoHS

Accessories	
Remote Control, HDMI Cable, Lan Cable, Power Cable, Omni Directional Microphone, User Manual	

\*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.