



All-in-One Audio and Video Solution

Audio Enhancement's all-in-one classroom audio and video solution, **VIEWpath Blend** includes the BEAM and EduCamPTZ (Pan Tilt Zoom) camera for the ultimate portable audio and video system. This combined solution allows educators to record both audio and video content for students participating in remote or blended learning. For in-person instruction, BEAM offers crystal-clear audio, vital for when teachers need to speak through a mask. This portable system, when integrated with the installed headend server, has all the features of VIEWpath®* (Video Interactive Education Window) in one simple-to-use package. Setup is easy, requiring only a network drop and an outlet for power.

EduCamPTZ

4 Megapixel HD IP Camera with 4x Optical Zoom & PTZ Control

The **EduCamPTZ** is a classroom camera designed to allow educators to easily broadcast and capture lessons for remote learning in both live and recorded mediums. Video files can be downloaded and stored on USB drives, or use embed codes to add recordings to Microsoft OneDrive, Google Classroom, Canvas, or other preferred LMS. VIEWpath can also be shared live, perfect for times when students are learning inside and outside the classroom. Coupled with Audio Enhancement's VIEWpath platform, the EduCamPTZ can also be turned into a web cam recognized by the teacher's computer for more sharing options.

- 4x optical zoom
- 1/2.8" 4-Megapixel CMOS
- Automatic Focus Control
- Direct Audio Input—High quality sound directly from the classroom microphones

BEAM

An all-in-one audio system

The **BEAM** is designed to work seamlessly with our award-winning classroom audio microphones. BEAM is a portable speaker with an integrated amplifier/receiver and Bluetooth® capabilities for teacher voice amplification.

- High quality sound for multimedia
- Connection and volume control for ALD Output
- Bluetooth pairing
- Connects to PA system to mute audio during announcements

XD Teacher Microphone

Wearable wireless microphone

The **XD Teacher Microphone** is a wearable microphone that uses an accurate mic and DECT technology to transmit a teacher's voice clearly. The XD Teacher Microphone evenly distributes the teacher's natural speaking voice, delivering high-quality audio throughout the classroom.



*VIEWpath requires purchase of annual user licenses for each system user.

VIEWpath Blend

Features/Specifications

EduCamPTZ Specifications*

Camera*	
Effective Pixels	4MP
Max. Resolution	2560 (H) x 1440 (V)
Lens*	
Focal Length	2.8mm-12 mm
Max. Aperture	F1.8-F2.7
Field of View	H: 31.6°-96.9° v: 17.8°-51.4° D: 36.4°-116.2°
Optical Zoom	4x
Focus Control	Auto/Semi-Auto/Manual
PTZ*	
Pan/Tilt Range	Pan: 0°-355° Tilt: 5°-90°
Power*	
Power Supply	DC12V/1.SA±15% PoE (802 .3af)
Video*	
Compression	H.265; H.264BaselineProfile; H.264MainProfile; H.264HighProfile; MJPEG (Sub Stream); H.265+; H.264+
Streaming Capability	3 streams
Resolution	4M (2560 X 1440); 3M (2048 X 1536); 1080P (1920 X 1080); 1.3M (1280 X 960); 720P (1280 X 720); DI (704 X 576/704 x 480); CIF (352 x 288/352 x 240)
Frame Rate	Main stream: 4M/3M (1-25/30fps), 1080P/1.3M/720P (1-25/30fps) Sub stream 1: DI/CIF (1-25/30fps) Sub stream 2: 720P (1-25/30fps), DI/CIF (1-25/30fps)
Digital Zoom	16x
Audio*	
Compression	G.711a; G.711Mu; G.726; AAC; MPEG2-Layer2; G.722.1; G.729; G.723
Network*	
Ethernet	RJ-45 (10/100Base-T)
Protocol	1Pv4; 1Pv6; HTTP; HTTPS; 802.Ix; Qos; FTP; SMTP; UPnP; SNMPv1/v2c/v3(MIB-2); DNS; DONS; NTP; RTSP; RTP; TCP; UDP; IGMP; ICMP; DHCP; PPPoE; ARP; RTCP
Interoperability	ONVIF; CGI
Edge Storage	FTP; Micro SD card (256G)

BEAM Specifications*

Amplifier*	
Audio Power	50 Watts
Power Requirements	24 VDC power supply
PA Sense Mute	Connects to Public Address System and mutes BEAM during announcements. Sensitivity 4 Volts to 74 Volts RMS
Wireless*	
System Frequency	XD Technology 1.9 GHz
Temperature Range	32° F - 104° F (0° C - 40° C)
General Signal to Noise Ratio	85 dB or more (Receiver to Mix/MIC output) By auto level control function in Microphone
Speaker Specifications*	
Frequency Response	70 Hz to 15 kHz (-10 dB)

Combined Specifications*

Dimensions*	
Approximate Weight	29 lbs (13.15 kg)
Approximate Dimensions	54* (H) x 25** (W) x 25** (D) in. (1371.6 x 635 x 635 mm) *90 in. (2286 mm) when fully extended **Size of footprint