



SEE THE UNSEEN

Collaborative Conference System



Model
AVCB-P8P20XU

Key Features:

- ✚ All-in-One VC System with 4K PTZ Camera, Video Codec, Omnidirectional Microphones and Touch Panel.
- ✚ 4K UHD Video Capability supporting 3840×2160 @30 fps with backward compatibility to 1080p & 720p resolutions.
- ✚ Advanced Video Compression using H.264 AVC, H.264 High Profile and H.265 (HEVC) for bandwidth optimization.
- ✚ Supports H.323 and SIP protocols for compatibility with different video conferencing endpoints and platforms.
- ✚ Supports participation in cloud-based video meetings such as Teams, Zoom, Webex and similar platforms.
- ✚ Supports participation in cloud-based video meetings such as Teams, Zoom, Webex and similar platforms.
- ✚ Provides pan, tilt, zoom control and preset recall for flexible camera positioning and framing.

Collaborative Conference System

| Specifications | |
|---------------------------------|---|
| Collaborative Conference System | Unified Codec, VC Camera, Microphones & Touch Panel |
| Signaling Protocols | H.323, SIP |
| Video Codecs | H.264 AVC, H.264 High Profile, H.265 (HEVC) |
| Maximum People Video Resolution | 3840 × 2160 (4K UHD) @ 30 fps |
| Supported Video Resolutions | 4K@30fps, 1080p@60/30fps, 720p@60/30fps |
| Content Sharing Protocols | H.239, BFCP |
| Maximum Content Resolution | 3840 × 2160 @15fps |
| Wireless Content Sharing | Windows, macOS, Android, iOS |
| Content Audio Sharing | Supported |
| Annotation / Whiteboard | Supported |
| Audio Codecs | G.711, G.728, G.729A, G.722, G.722.1, G.719 |
| Noise Reduction | Supported |
| Automatic Audio Control | AGC, Automatic Noise Suppression |
| Camera Input | 1 × HDMI / LAN/ USB |
| Additional Camera Support | USB / AV over IP |
| Maximum Microphone Support | Up to 8 Omnidirectional Microphones |
| Cascade | Supported |
| Microphone Controls | Mute / Unmute Soft Touch Button |
| Microphone Pickup Range | Upto 20 feet |
| Audio Line-In | 1 × RCA / 3.5 mm |
| Video Outputs | 2 × HDMI |
| Output Resolution | Up to 4K UHD |
| Audio Line-Out | 1 × RCA / 3.5 mm |
| Ethernet Interface | 1 × 10/100/1000 Mbps |
| USB Ports | Minimum 1 × USB |
| Wireless Interfaces | Wi-Fi 802.11 a/b/g/n/ac, |
| Bluetooth | Supported |
| Camera Framing | Group Framing, Presenter Tracking |
| Optical Zoom | 20× Optical |
| Camera Pan | ±170° |
| Camera Tilt | +30° / -30° |
| Camera Presets | ≥ 15 |
| Camera Resolution | 4K UHD |
| Touch Panel Size | 10.1 inch |
| Touch Panel Aspect Ratio | 0.673611111 |
| Touch Panel Resolution | 1280 × 800 (WXGA) |
| Touch Panel Power | PoE/DC |
| Maximum Call Bandwidth | 6 Mbps |
| IP Protocol Support | IPv4, IPv6 |
| Network Features | Auto Gatekeeper, LPR, IP Precedence, DiffServ, Configurable MTU |
| USB Pass-Through Mode | Supported |
| USB Pass-Through Resolution | 1920 × 1080 @ 30 fps |
| Cloud VC Platforms | Microsoft Teams, Zoom, Webex, Google Meet, BlueJeans |
| Cloud Room Registration | Native Teams Room & Zoom Room Support |
| USB + Cloud Co-existence | Supported |

| | |
|---------------------------|---|
| Low Bandwidth Performance | 1080p @ 1024 Kbps |
| Media Encryption | AES-128, AES-256 |
| Security Protocols | H.235, H.323, SIP |
| Network Security | H.460.18, H.460.19, SSL, TLS |
| Authentication | Role-based Admin Access |
| Password Policy | Configurable |
| Directory Services | LDAP / Centralized Directory |
| Management Platform | Cloud-+A1:B54based Centralized Management |

ABOUT AVAIVI

AVAIVI is a dynamic and innovative DPIIT recognized Startup Company for its commitment to driving excellence, fostering innovation, and contributing to Bharat's burgeoning entrepreneurial landscape. AVAIVI specializes in providing cutting-edge Audio-Visual Solutions, AI-based Software and Security & Surveillance Technology.

AV Technology: AVAIVI's state-of-the-art audio-visual solutions redefine how information is presented and shared. Our innovative AV solutions include interactive displays, digital signage, audio systems, and immersive multimedia experiences.

AI Software Suite: From predictive analytics to process optimization, our AI-based software applications empower organizations to make informed decisions, streamline operations, and stay ahead in a rapidly evolving digital landscape.

Video Surveillance: AVAIVI's expertise in CCTV security surveillance technology goes beyond traditional monitoring. Our comprehensive solutions encompass advanced camera systems, intelligent video analytics, and remote monitoring capabilities.

Disclaimer: The information provided in this product datasheet is intended for general informational purposes only. While we strive to ensure the accuracy and reliability of the information presented. It is important to note that productspecifications and features may change without prior notice.