iMeeting ShareBox

Integrated Conference Desktop Management System

ShareBox-Rx

ShareBox- Master

ShareBox- Slave

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Introduction

The product is an integrated smart connection system for desktop conference that solves the integrated operation of high-definition audio and video transmission, switching and control in the conference room, which can effectively improve the efficiency of conference office and reduce the difficulty of wiring installation.

It supports 2 HDMI, 1 VGA and analog audio inputs, audio and video signal long distance lossless transmission. Video resolution up to 4K2K@30Hz 4:4:4. The maximum transmission distance via a single CAT6/6a/7 cable can be 100m/330ft.

The product supports cascade installation for multiple groups of desktop plates. It adapts H.264 audio codec processing, supports conference room cluster management. Built-in BYOD Wireless Miracast supports IOS, MacOS, Android, Windows personal devices fast access. CEC, RS-232, IR and Relay control are supported.

Features

1- HDMI 1.4b and HDCP 1.4 compliant, 10.2Gbps, up to 4K@30Hz 4:4:4
2- Audio up to 7.1 channels of High Definition audio pass-through (LPCM, Dolby TrueHD, and DTS-HD Master Audio)
3- The maximum transmission distance via a single CAT6/6a/7 cable is 100m/ 330ft
4- Support 2 HDMI, 1 VGA, and analog audio inputs, long-distance lossless transmission
5- Support Network access, USB charging, Power supply (works as a power socket)
6- Support CEC, RS-232, IR, and Relay control
7- Automatic recognition of signal input, seamless switching
8- Support one-button image freezing
9- Support volume adjustment
10- Support cascading installation of multiple table boxes (Model: ShareBox Slave) for large meeting room
11- Integrated H.264 audio codec processing

12- Built-in BYOD Wireless Presentation, support iOS, macOS, Android, Windows
13- USB2.0 port supports connection of camera, microphone, or whiteboard

Datasheet

Technical	
ESD Protection	Human body model — ±8kV (Air-gap discharge) & ±4kV (Contact discharge) ESD Protection
HDMI Compliance	HDMI 1.4b
HDCP	HDCP 1.4
Video Bandwidth	10.2 Gbps
HDMI Resolution	480P60~4K30Hz 4:4:4
Analog Video Input	VGA
VGA Resolution	640x480/60Hz~1920x1200/60Hz
Analog Audio Input	Stereo
Color Space	RGB, YCbCr 4:4:4 / 4:2:2
Color Depth	8/10/12-bit
HDMI Audio Formats	LPCM 2/5.1/7.1CH, Dolby Digital, DTS 5.1, Dolby Digital+, Dolby TrueHD, DTS-HD Master Audio, Dolby Atmos, DTS:X
Connection	
ShareBox Master	
Input ports	2×HDMI [Type A, 19-pin female] 1×VGA [15-pin female] 1×DVI-I [24+5-pin female] 1×AUDIO [3.5mm Stereo Mini-jack] 1×USB [Type B] 2×LAN [RJ45]
Output ports	1×DVI-I [24+5-pin female] 1×HDBaseT Out [RJ45] 1×USB [Type A] 1×LAN [RJ45] 2×RS-232 [Phoenix connector] 4×RELAY [Phoenix connector]

	2×IR OUT [Phoenix connector]Dimensions
ShareBox Slave	
Input ports	2×HDMI [Type A, 19-pin female] 1×VGA [15-pin female] 1×DVI-I [24+5-pin female] 1×AUDIO [3.5mm Stereo Mini-jack] 1×USB [Type B] 2×LAN [RJ45]
Output ports	1×DVI-I [24+5-pin female] 1×USB [Type A] 1×LAN [RJ45]
ShareBox Receiver	
Input ports	1×HDBaseT IN [RJ45] 1×IR IN [3.5mm Stereo Mini-jack] 2×USB [Type A] 1×LAN [RJ45]
Output ports	Output ports: 1×HDMI [Type A, 19-pin female] 1×IR OUT [3.5mm Stereo Mini-jack] 1×RS-232 [Phoenix connector] 1×AUDIO OUT [Phoenix connector] 2×RELAY [Phoenix connector]
Mechanical	
Housing	Metal Enclosure
Color	Black
Dimensions	ShareBox Master: 245mm [W] x 180mm [D] x 166mm [H] ShareBox Slave: 245mm [W] x 180mm [D] x 166mm [H] ShareBox Receiver: 180mm [W] x 98mm [D] x 26mm [H]
Weight	ShareBox Master: 3kg ShareBox Slave: 2.96kg ShareBox Receiver: 500g

Power Consumption	ShareBox Master: 18W (max) ShareBox Slave: 14W (max) ShareBox Receiver: 10W (max)
Power Supply	AC 100 - 240V 50/60Hz
Operating Temperature	32 - 104°F / 0 - 40°C
Storage Temperature	-4 - 140°F / -20 - 60°C
Relative Humidity	20 - 90% RH (no condensation)