BaseSTATION™

vaddio

Unified Communications Solution for Small Meeting Rooms using an Existing Monitor with Speakers

The Vaddio™ BaseSTATION is designed for the small, working conference room. The BaseSTATION is able to take advantage of an existing HD LED/LCD monitor for both audio and video over a simple HDMI connection. Overall, it's a Unified Communications (UC) solution incorporating all the audio and video functions for small group collaboration in a small meeting room. The BaseSTATION system can be used for local presentations, PC-based UC applications (i.e. Lync®, Jabber®, Skype®, WebEx® etc…), VoIP audio conferencing, voice add-on and more!

The BaseSTATION is made up of a table-based MicDock™ and a wall-mounted Camera Module. The MicDock contains the mics, user interface, and docking connectors for the PC and UC application. Four (4) cardioid mic elements, each with independent wideband AECs (acoustic echo cancellers), provide a 360° pickup pattern. Vaddio's SmartMic technology ensures that pristine, crystal clear, echo free audio is maintained for both local and far-end participants with hands-free operation. A capacitive-touch user interface on the MicDock provides for dialing and conference control. PC, laptop, or tablet connections include HDMI or VGA (RGBHV) for new and old computers.

Images: BaseSTATION HD Camera Module (above) and MicDock (below)

The BaseSTATION uses a camera based on the WideSHOT™, which has a super wide angle lens providing greater than 82° horizontal field of view (16:9) to cover even the smallest of rooms. It has a manual pan/tilt/zoom mechanism (10° up, 30° down, 3° to each side with manual ~3X optical zoom), manual focus and iris that allow tailoring the image for the small room. The BaseSTATION also includes an HDMI video output with audio for the room HD monitor. A supplied single Cat-6 SSTP 25' (7.62m) shielded cable connects the BaseSTATION with the MicDock carrying power, video, audio, control and network. A 50' (15.24m) Cat-6 SSTP and 4x4 PC/Dock Interface Cable (HDMI, VGA, USB 2.0 & Network) are available as accessories.

SYSTEM CONFIGURATIONS

The Vaddio BaseSTATION Deluxe System includes
PN: 999-8920-000 (North America) 999-8920-001 (Int'l)
One (1) BaseSTATION MicDock
One (1) BaseSTATION HD Camera Module
One (1) Premium Wall Mount with Integrated Cable Tray
One (1) 25' (7.62m) Cat-6 SSTP Shielded Cable
One (1) 3.3' (1m) USB 2.0 Cable Type-A the Type-B Micro
One (1) 6' (1.83m) HDMI Cable (video and audio to monitor)
One (1) 24 VDC 2.0 A Power Supply and Power Cable(s)
One (1) Manual/Documentation

The Vaddio BaseSTATION Premier System
PN: 999-8925-000 (North America) 999-8925-001 (Int'l)
One (1) BaseSTATION MicDock
One (1) BaseSTATION HD Camera Module
One (1) Premium Wall Mount with Integrated Cable Tray
One (1) 25' (7.62m) Cat-6 SSTP Shielded Cable
One (1) Premium 4x4 PC to MicDock Interface Cable*
One (1) 3.3' (1m) USB 2.0 Cable Type-A the Type-B Micro
One (1) 6' (1.83m) HDMI Cable (video and audio to monitor)
One (1) 24 VDC 2.0 A Power Supply and Power Cable(s)
One (1) Manual/Documentation

HD Camera Module

MicDock
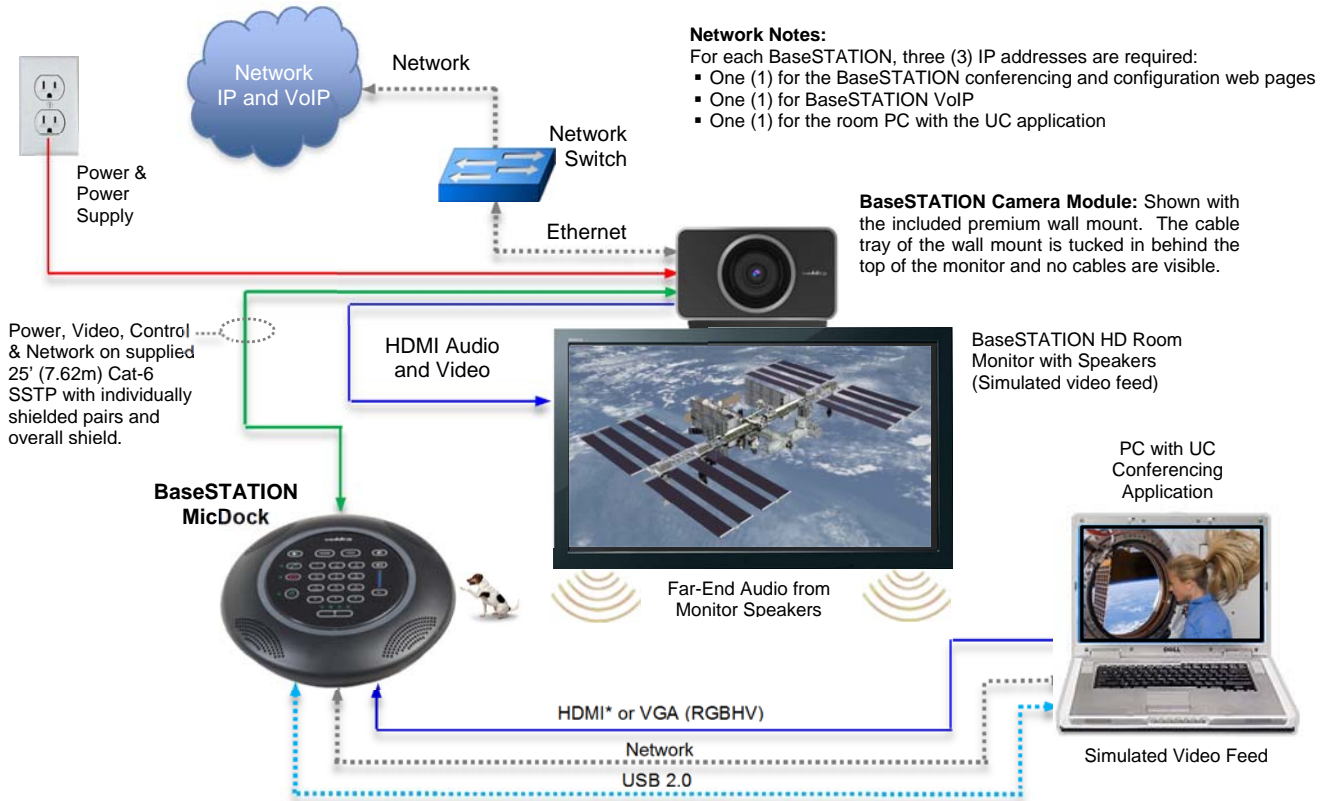
Wall Mount with Cable Tray

25' (7.62m) Cat-6 SSTP Cable
(50' / 15.24m Available Accessory)

Premium 4x4 PC to MicDock Interface Cable*
- Accessory with BaseSTATION Deluxe System
- Included with the BaseSTATION Premier System

Network Notes:
For each BaseSTATION, three (3) IP addresses are required:
- One (1) for the BaseSTATION conferencing and configuration web pages
- One (1) for BaseSTATION VoIP
- One (1) for the room PC with the UC application

Network IP and VoIP

Network

Power & Power Supply

Network Switch

Ethernet

BaseSTATION Camera Module: Shown with the included premium wall mount. The cable tray of the wall mount is tucked in behind the top of the monitor and no cables are visible.

Power, Video, Control & Network on supplied 25' (7.62m) Cat-6 SSTP with individually shielded pairs and overall shield.

HDMI Audio and Video

BaseSTATION HD Room Monitor with Speakers (Simulated video feed)

PC with UC Conferencing Application

BaseSTATION MicDock

Far-End Audio from Monitor Speakers

HDMI* or VGA (RGBHV)

Network

USB 2.0

Simulated Video Feed

GENERAL SPECIFICATIONS

Part Numbers	BaseSTATION Deluxe System 999-8920-000 (North America), 999-8920-001 (International) with Wall Mount BaseSTATION Premier System 999-8925-000 (North America), 999-8925-001 (International) with Wall Mount and 4x4 PC cable
Camera Module	
Image Sensor	1/3-Type Progressive Scan CMOS Sensor with 1.3 Megapixels, Minimum Illumination: 0.1 LUX (1/30 shutter speed)
Lens	Approx. 3X Optical Varifocal Zoom, 3.3mm-10.mm, Manual Zoom, Focus and Iris
Horizontal FOV	Field of View: 82.2° Wide End to Tele End, 27.4° Zoomed-all-in, 16:9 Format (94.3° wide end diagonal)
Pan/Tilt Range	Manual Pan/Tilt: -30° down, +10° up and ± 3° Pan
A/V Output	HDMI Video and Audio out to Monitor (uses room monitor speakers)
Connectors	Network (RJ-45), HDMI (output - audio and video), MicDock LINK (Shielded RJ-45 for Cat-6 SSTP cable), Power (5.5mm OD x 2.5mm ID coaxial power connector with positive center)
MicDock	**Controller/Dialer and PC Interface**
User Controls	Dialing, Mute & Volume, PIP, PC Video Select, Power On/Off with OSD (on screen display)
Microphones	Four (4) Cardioid Electret Condenser, Low Noise Microphone Elements (arranged in 360° array pickup pattern)
Audio Processing	Four (4) Acoustical Echo Cancellers (one per mic), Automatic Gain Control, Noise Reduction, Automatic Microphone Mixing, High Pass and Low Pass Filters
Supported Video Inputs	**HDMI:** 1080p/60/59.94/50/30/25 frames/s, 720p/60/59.94/50 frames/s, 1080i/60/59.94/50 fields/sec **DVI (on HDMI w sRGB color space):** 1080p/60/59.94/50/frames/s, 720p/60/59.94/50Hz frames/s, 1080i/59.94/50Hz, fields/sec, 1440 x 900@60Hz, 1360 x 768@60Hz, 1280 x 800@60 Hz, 1280 x 768@60Hz, 1280 x 720@60Hz, 1152 x 720@60Hz, 1024 x 768@60Hz **RGBHV on DE-15:**1280 x 720@60Hz (16:9), 1280x768@60Hz (15:9)m, 1280x800@60Hz (16:10), 1360 x 768@60Hz(16:9), 1024 x 768@60Hz (4:3 centered in 16:9 frame)
Connectors	USB (micro-B), Network (RJ-45), HDMI (Input), DE-15 (VGA Input), MicDock LINK (Shielded RJ-45)
UC Client Support	Skype, Cisco Jabber, Adobe Connect 8, Microsoft Lync, WebEx, Citrix GoToMeeting, LifeSize ClearSea, Polycom M100, Vidyo, Google Plus (see FAQ for more options)
General Information	
Control	Embedded Web Server for System Configuration and Administration
Audio Spec	Frequency Response: 20 HZ to 20KHZ, Dynamic Range: >90dB, THD + Noise: <.02%
USB Spec	USB 2.0-UVC and UAC compliant, Video: Up to 720p/30 MJPEG with PCM Audio at 48KHZ, 16 bit
Network Spec	Ethernet 10/100 Base-T, IP Streaming Supports RTSP or HLS (Apple's HTTP Live Streaming)
LINK Cable Spec	Cat-6 SSTP: 26AWG stranded individually shielded pairs with overall shield, gold contacts and metal shielded RJ-45. Printed on Jacket: Cat-6 26 AWG x 4pr SSTP IEC 60332.1, Conforms to ISO/IEC 11801 & EN 50288, ANSI & TIA/EIA-568-C.2 3P/ETL Verified CMX (UL) C(UL) CMH E193793), *Use only Vaddio supplied cables for the LINK.*
LINK Accessory	50' (15.24m) Cat-6 SSTP Cable, Part Number 999-8903-000
Dimensions	BaseSTATION Camera Module : 6.169" (156.7mm) H x 10.494" (266.55mm) W x 3.97" (101.02mm) BaseSTATION MicDock: 1.699" (43.17mm) H x 9.25" (234.95mm) Diameter (round)
Weights	BaseSTATION: Approximately 2.8105643 lbs. (1.2771542 kg) MicDock: Approximately 1.67 lbs. (0.75749926 kg)