

# BaseSTATION™

## 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.

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.



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



## 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



Wall Mount with Cable Tray

MicDock

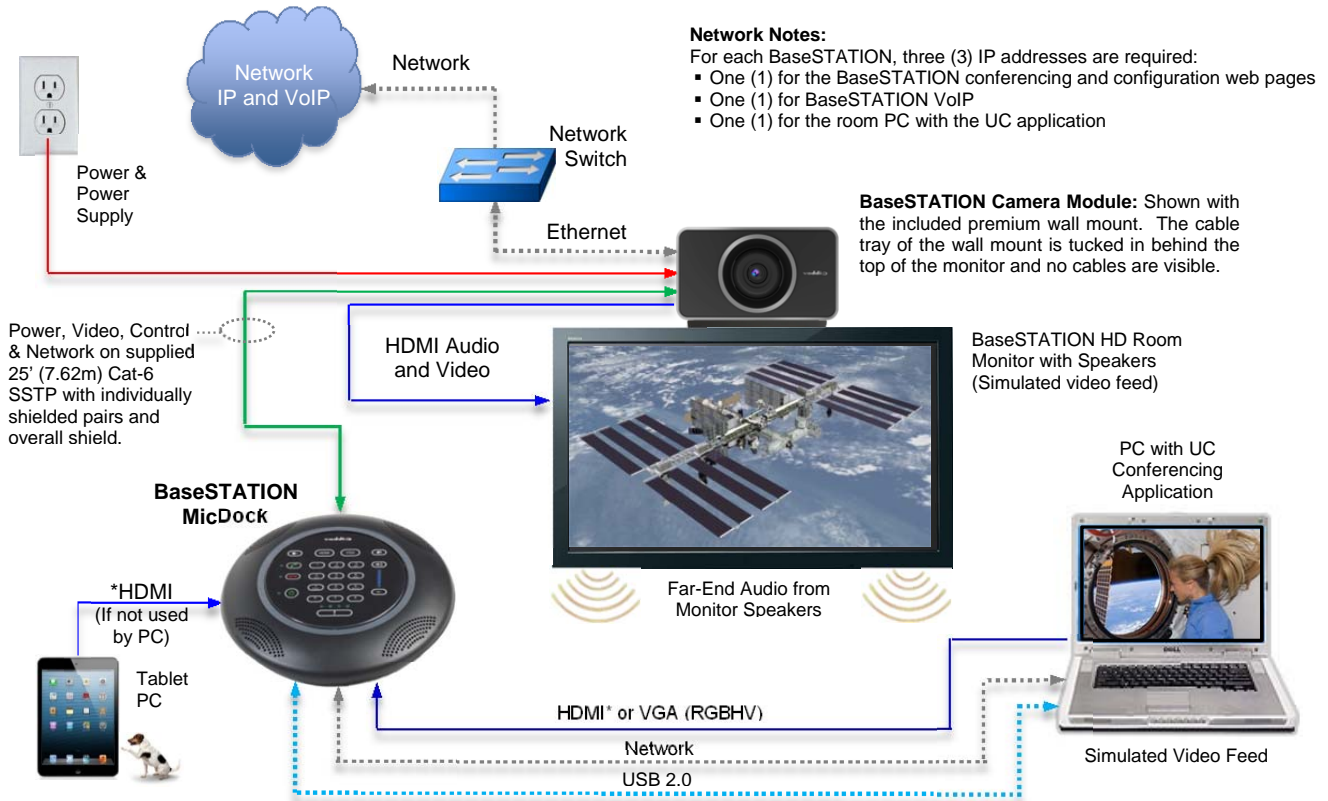


25' (7.62m) Cat-6 SSTP Cable  
(50' / 15.24m Available Accessory)



### Premium 4x4 PC to MicDock Interface Cable\*

- Accessory with BaseSTATION Deluxe System
- Included with the BaseSTATION Premier System



## GENERAL SPECIFICATIONS

<b>Part Numbers</b>	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
<b>Camera Module</b>	
<b>Image Sensor</b>	1/3-Type Progressive Scan CMOS Sensor with 1.3 Megapixels, Minimum Illumination: 0.1 LUX (1/30 shutter speed)
<b>Lens</b>	Approx. 3X Optical Varifocal Zoom, 3.3mm-10mm, Manual Zoom, Focus and Iris
<b>Horizontal FOV</b>	Field of View: 82.2° Wide End to Tele End, 27.4° Zoomed-all-in, 16:9 Format (94.3° wide end diagonal)
<b>Pan/Tilt Range</b>	Manual Pan/Tilt: -30° down, +10° up and ± 3° Pan
<b>A/V Output</b>	HDMI Video and Audio out to Monitor (uses room monitor speakers)
<b>Connectors</b>	Network (RJ-45), HDMI (output - audio and video), MicDock LINK (Shielded RJ-45 for Cat-6 SFTP cable), Power (5.5mm OD x 2.5mm ID coaxial power connector with positive center)
<b>MicDock</b>	<b>Controller/Dialer and PC Interface</b>
<b>User Controls</b>	Dialing, Mute & Volume, PIP, PC Video Select, Power On/Off with OSD (on screen display)
<b>Microphones</b>	Four (4) Cardioid Electret Condenser, Low Noise Microphone Elements (arranged in 360° array pickup pattern)
<b>Audio Processing</b>	Four (4) Acoustical Echo Cancellers (one per mic), Automatic Gain Control, Noise Reduction, Automatic Microphone Mixing, High Pass and Low Pass Filters
<b>Supported Video Inputs</b>	<b>HDMI:</b> 1080p/60/59.94/50/30/25 frames/s, 720p/60/59.94/50 frames/s, 1080i/60/59.94/50 fields/sec <b>DVI (on HDMI w sRGB color space):</b> 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 <b>RGBHV on DE-15:</b> 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)
<b>Connectors</b>	USB (micro-B), Network (RJ-45), HDMI (Input), DE-15 (VGA Input), MicDock LINK (Shielded RJ-45)
<b>UC Client Support</b>	Skype, Cisco Jabber, Adobe Connect 8, Microsoft Lync, WebEX, Citrix GoToMeeting, LifeSize ClearSea, Polycom M100, Vidyo, Google Plus (see FAQ for more options)
<b>General Information</b>	
<b>Control</b>	Embedded Web Server for System Configuration and Administration
<b>Audio Spec</b>	Frequency Response: 20 HZ to 20KHZ, Dynamic Range: >90dB, THD + Noise: <.02%
<b>USB Spec</b>	USB 2.0-UVC and UAC compliant, Video: Up to 720p/30 MJPEG with PCM Audio at 48KHZ, 16 bit
<b>Network Spec</b>	Ethernet 10/100 Base-T, IP Streaming Supports RTSP or HLS (Apple's HTTP Live Streaming)
<b>LINK Cable Spec</b>	Cat-6 SFTP: 26AWG stranded individually shielded pairs with overall shield, gold contacts and metal shielded RJ-45. Printed on Jacket: Cat-6 26 AWG x 4pr SFTP 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.
<b>LINK Accessory</b>	50' (15.24m) Cat-6 SFTP Cable, Part Number 999-8903-000
<b>Dimensions</b>	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)
<b>Weights</b>	BaseSTATION: Approximately 2.8105643 lbs. (1.2771542 kg) MicDock: Approximately 1.67 lbs. (0.75749926 kg)