

Simple, Affordable, Standards-Based Videoconferencing



telyHD™ Pro is a revolutionary videoconferencing appliance that connects with standards-based systems at unprecedented value. And for businesses who don't want to invest in their own video infrastructure, telyHD Pro comes with a one-year subscription to the Tely Labs telyCloud™ service, providing multi-party videoconferencing with features normally only available with a heavy investment in video networking equipment.

Features & Benefits

Industry Standard SIP Protocol

Session Initiation Protocol (SIP) support provides seamless interoperability with standards-based videoconferencing systems. Built-in SIP support protects an organization's investment in capital equipment by extending the benefits of video communications and collaboration throughout an organization and with partners and customers.

Cloud-Based Bridging Services Support

telyHD Pro supports 3rd-party cloud-based bridging services, such as Blue Jeans Network and others, to provide interoperability with disparate video endpoints, desktops and mobile users, as well as cloud-based MCU, content sharing and scheduling functionalities.

telyCloud Service

telyHD Pro comes with a one year subscription to telyCloud, a cloud-based service that provides six-party videoconferencing and application sharing without the need for any on-premise equipment besides a telyHD Pro appliance at each endpoint. telyCloud offers unbeatable value for organizations who want the benefits of business videoconferencing, including features like firewall/NAT traversal and AES 256 encryption, but don't want to invest in their own video servers, bridges and infrastructure.

Skype™ Certified

telyHD Pro includes built-in high-definition Skype video calling for easy point-to-point connections to any Skype enabled device including smartphones, tablets and laptops.

All-in-one Appliance

- **Wireless projector**
the included telyShare App enables wireless projection from a Windows PC to any telyHD Pro-connected HDTV for in-room presentations, eliminating the need for bulky and expensive LCD projectors.
- **Speakerphone**
telyHD Pro has 4 noise cancelling microphones, specifically designed for small conference rooms, eliminating the need for a separate speakerphone for audio conferencing. For larger rooms, the telyHD Audio Pod is recommended.
- **No PC required**
telyHD Pro is a self-contained appliance. No personal computer or other device is required for use. Just plug in to your Ethernet network and any standard TV to get started.

Additional Features

- Smartphone Remote Control – in addition to the included remote control device, the SmartRemote App makes it easy to wirelessly control your telyHD Pro from your Android or iOS smartphone or tablet. Scroll through contacts, enter text with the on-screen keyboard or browse the web using the telyHD Pro's built-in web browser.
- Built-in Web Browser – browse the web on your conference room TV. Use the SmartRemote App to navigate with its on-screen touchpad and complete online forms with its on-screen keyboard.

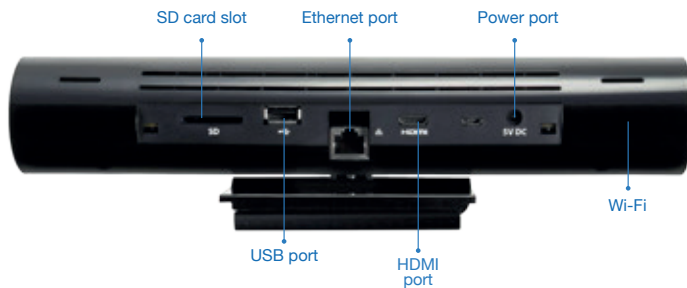


Simple on-screen SIP settings enable connections with standards-based videoconferencing systems



telyCloud hosted service provides economical video collaboration for up to six participants

telyHD Pro



telyHD Audio Pod

The telyHD Audio Pod is a highly recommended accessory for use in mid- to large-sized meeting rooms.



Specifications

Package includes

- telyHD Pro appliance with camera, privacy shutter, codec, microphone array, universal mount
- 7-button remote control
- HDMI cable
- AC power adapter
- 1 year hardware warranty
- 1 year software updates
- 1 year telyCloud subscription

Audio Inputs

- 4 internal directional beamforming microphones
- -35dB sensitivity
- 100Hz to 12KHz

Audio Output

- HDMI
- Optional USB telyHD Audio Pod speaker/microphone

Communications

- SIP, telyCloud, Skype, Blue Jeans Network
- 100 Kbps - 1.5 Mbps
- 10/100 Base-T RJ-45
- 802.11n Wi-Fi (b/g/n compatible) 2.4GHz with WEP, WPA and WPA2 support

Audio Features

- Built-in ringer
- Acoustic Echo Cancellation
- Full-duplex audio
- Automatic Gain Control
- Automatic Noise Suppression
- Packet Loss Concealment
- Jitter Buffer

Video Standards

- H.264, H.263

Video Output

- HDMI 720p to any HDMI display

Security

- SIP: AES-128, SRTP for media encryption, TLS for signaling encryption, SDP (over TLS) for exchanging SRTP keys
- telyCloud: AES-256
- Skype: AES-256, RSA

Video Resolutions

- Bitrates below are minimums required to achieve given resolution
- SIP resolutions:

- H.264
 - 1280 x 720 24fps: 1000 Kbps
 - 960 x 540 30fps: 700 Kbps
 - 848 x 480 30fps: 500 Kbps
 - 352 x 288 30fps: 200 Kbps
 - 176 x 144 30fps: 100 Kbps
- H.263
 - 704 x 576 (4CIF) 30fps: 800 Kbps
 - 352 x 288 (CIF) 30fps: 300 Kbps
 - 176 x 144 (QCIF) 30fps: 200 Kbps
 - 128 x 96 (sub-QCIF) 30fps: 100 Kbps
- telyCloud resolutions:
 - 2-party: 1280 x 720
 - 3-party: 848 x 480
 - 4-party: 624 x 352
 - 5-party: 416 x 240
 - 6-party: 320 x 192
- Skype resolutions:
 - 1280 x 720: 800 Kbps
 - 848 x 480: 400 Kbps
 - 320 x 240: 200 Kbps
 - 160 x 120: 50 Kbps

Network Features

- Firewall/NAT Traversal
- Adaptive Bitrate Control and Ringer Switching

Power

- Input: 100-240V 50-60Hz
- Output: 5V DC, 3A
- Usage: 5W

Size

- W10.75" x D3.9" x H2.75"

Weight

- 13.6 oz

Environmental Conditions

- Operating temperature: 0 to 35 degrees C
- Storage temperature: -20 to 45 degrees C
- Humidity: 5% to 95% non-condensing

Mechanical

- TV mounting mechanism
- Tripod mount
- Camera privacy cover

Regulatory Certifications

- FCC Class B

Audio Standards

- SILK, G722, G722.1 codecs

Options

- telyHD Audio Pod speaker/microphone
- telyMed™ Software

