



# telyHD Pro

Simple, Affordable, Standards-Based Videoconferencing



Perfect for conference rooms, huddle rooms, and remote offices, the telyHD™ Pro delivers a high quality experience at unprecedented value. Standards-based interoperability and integrated Skype™ support enable the telyHD Pro to immediately connect with millions of users today and ensures investment protection for tomorrow. telyHD Pro also comes with a one-year subscription to telyCloud™, providing multi-party conferencing without any additional on-premise equipment.

## Flexible Communications Support

### Standards-Based Interoperability

Leverage existing investments in videoconferencing systems and infrastructure through use of Session Initiation Protocol (SIP) interoperability. SIP interoperability also enables telyHD Pro to utilize 3<sup>rd</sup> party cloud-based conferencing services.

### 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 location.

### Simple Access to Blue Jeans Network

Accessing a Blue Jeans meeting room requires no configuration setup. Users simply enter the meeting room number and optional password to join a meeting. Once connected, integrated layout management both enhances and simplifies the Blue Jeans video meeting experience.

### Skype Certified

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

### Share Content with Remote Users

The included telyShare application enables users to wirelessly share content from their Windows or Mac computer with remote users during any videoconference call.

### Additional Features

#### Wireless Projector

The included telyShare App enables wireless projection from Windows and Mac personal computers to any telyHD Pro-connected HDTV for in-room presentations, eliminating the need for bulky and expensive LCD projectors.

#### 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.

### Built-in Web Browser

Browse the web on your conference room TV without a computer.

### Speakerphone

Eliminate the need for a separate speakerphone by connecting the telyHD Pro to existing VoIP infrastructure via SIP or by using Skype PSTN capabilities.

### Easy to Setup and Use

All-in-one design and guided setup enables anyone to set up and use a telyHD Pro in minutes. No personal computer is required. Just plug in to your Ethernet network and any standard TV to get started.

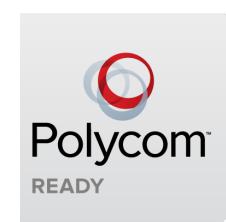
### Designed for use with:

**BlueJeans**

**BROADSOFT**  
Innovation calling.

**skype**

**zoom**





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

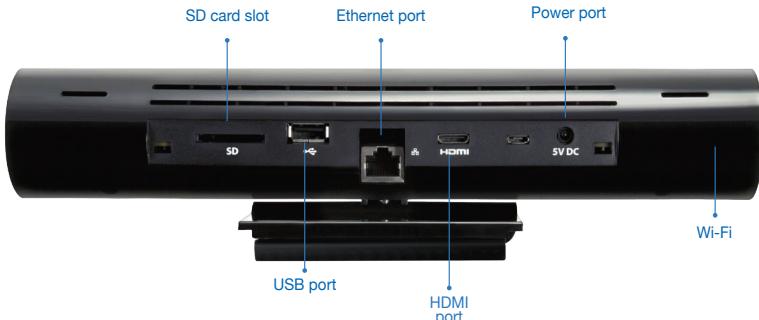
## telyHD Pro



## 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 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

### Communications

- SIP, telyCloud VMM, 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

### Content Sharing

- H.264 at up to 720p, 15 fps

### Video Standards

- H.264, H.263

### Video Output

- HDMI 720p to any HDMI display

### Video Resolutions

- Bitrates below are minimums required to achieve given resolution
- SIP resolutions:
  - H.264
    - 1280 x 720 24fps: 1200 Kbps
    - 960 x 544 30fps: 800 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

### Audio Standards

- SILK, G722, G722.1 codecs

### Audio Inputs

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

### Audio Output

- HDMI
- Optional USB telyHD Audio Pod speaker/microphone

### Audio Features

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

### 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

### Network Features

- NAT Traversal
- Adaptive Bitrate Control and Resolution Switching

### Power

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

### Size

- 10.75" x 3.9" x 2.75" (w x d x h)

### 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

### Options

- telyHD Audio Pod speaker/microphone

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