



# 2D & 3D TELEPRESENCE



TelePresence Tech delivers the ultimate experience in communication over a distance with aligned eye contact and a life-size sense of presence in a room setting.

## EYE CONTACT

TelePresence Tech systems achieve eye-to-eye contact by aligning the camera at the eye level of the participants through the usage of a patented display system incorporating a beamsplitter. Competitors' systems that place the camera outside of the image area are not capable of achieving this alignment, and therefore they do not have true eye contact.

## 3D LIFE-SIZE SENSE OF PRESENCE

This is not another flat screen telepresence format. TelePresence Tech achieves true depth without the usage of 3D glasses by generating a life-size image of the transmitted participants that appears physically in front of a backdrop. The 3D TelePresence systems deliver an astonishing sense of presence within the three dimensional setting of the room for a more natural communication.

## UNIVERSAL 2D WITH INTEROPERABILITY

TelePresence Tech systems are designed to work with cameras and codecs from all the major manufacturers. While communication between two 3D TelePresence systems will deliver aligned eye-to-eye contact and a three dimensional sense of presence, the systems will communicate in 2D with typical flat screen systems to provide the highest quality possible within the format of the other location.

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# BENEFITS OF TELEPRESENCE TECH



## Command Attention

Through TelePresence you will capture the attention of your audience whether it is one person or a thousand. Your special appearance in the three dimensional setting of the room will command attention.

## Look Them in the Eyes

Video conference systems cannot deliver eye contact. Can you trust someone who will not look you in the eyes? TelePresence Tech systems achieve eye contact so that you can establish a personal connection.

## Exert Your Presence

Unlike being a flat image in a video conference, you can appear in person at life-size in a TelePresence conference to exert your presence.

## Travel at the Speed of Light

Why waste time getting to a critical meeting? TelePresence speeds you to the meeting instantly so that you can be at the right place at the right time.

## Put the Best Person Forward

Don't pay to send the most available person to represent your company. Use TelePresence to cost effectively maximize the value of your best people without burdening them with the demands of travel.

## Run Circles Around Your Competition

While your competitors are stuck at security in the airport you can be at the conference table with your clients conducting a TelePresence meeting to attain the competitive advantage.



## Better Client Support

TelePresence can help your company meet your client's needs more effectively. Regular TelePresence meetings can maintain close client communication without the lost time and additional costs of travel.

## Your Company's Best Team

Through TelePresence your company can bring the best people together to achieve the best results.

## Time to Enjoy Life

Implementing TelePresence in an organization is not only about saving money and time. It can improve the quality of life for the key people in the company by allowing them to go home for the evenings, instead of travelling late and staying in hotels.



# TPT4000 ENVIRONMENT SYSTEM



The TPT4000 Environment System brings teams of people together from around the world to work in the same room with eye contact and a realistic sense of presence.

## 3D IMMERSIVE EXPERIENCE

The TPT4000 provides a fully immersive experience that is far superior to the flat screens of other telepresence systems. In particular, the transmitted people appear to be physically in front of the back wall of the room as if they were present on the other side of the table.

## UNDIVIDED GROUP

Whereas other systems have their remote groups divided between several plasma monitors, the TelePresence Tech system generates a large undivided image of the group in the remote location. This allows for flexibility in the placement of seating and the ability to display people as they stand up.

## MEETING WITH EYE CONTACT

The multiple screen telepresence systems on the market have an inherent problem with the misalignment of eye contact. However the TelePresence Tech system achieves aligned eye-to-eye contact between conference participants.

## OPTIONAL MULTI-SITE COLLABORATION SUITE

An optional desk with seating for five people incorporates three 42" LCD monitors with images superimposed through a beamsplitter for display of multiple locations and collaboration between users.

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## SPECIFICATION

**Model:** TPT4000 Environment system

**Collaboration Suite:** Desk for seating for five people

**HD Codec** TPT system accepts cameras and codecs from Polycom, Cisco, Tandberg, Sony, LifeSize, HaiVision and Radvision

**Primary Display:** 70" to 85" LCD, plasma or rear projection display

**Collaboration Displays:** Three 42" LCD monitors

**Unit Construction:** Aluminum enclosure with steel supports

**Silver Powder Coating:** Metal exterior finishes in durable powder coating with bright silver sparkle finish

**Black Covering:** Matt black felt covering of visual drop out surfaces

**Front Surface Mirror:** Optical quality front surface mirror in front of camera

**Backdrop lighting:** Integrated LED 5500K lighting

**Wall panels:** Wood panels within full height wall segments

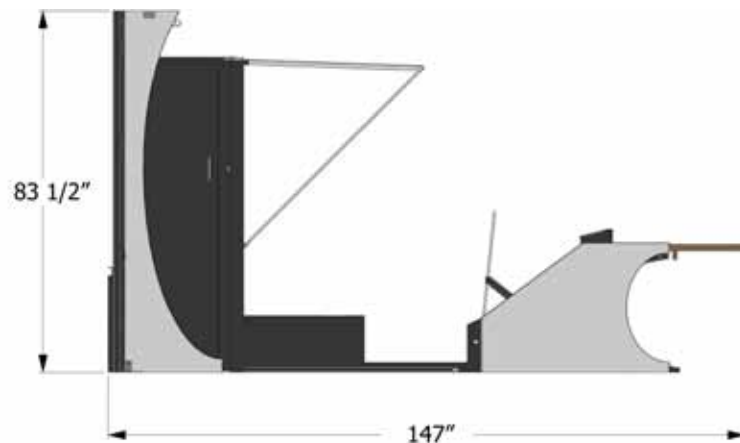
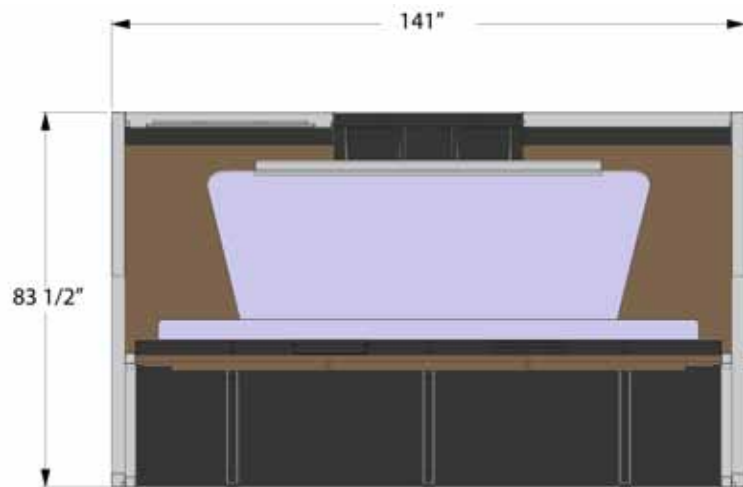
**Power distribution:** Rack mount power distribution

**Safety Glass:** Glass beamsplitter for three dimensional visual effect laminated to meet safety standards

**Audio System:** Integrated professional sound system

**Infrared Repeater:** Receiver for infrared receiver position in upper enclosure with IR repeater block and two infrared emitters

**Optional Controller:** AMX room touch screen



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# TPT2000 CONFERENCE SYSTEM

## INTEGRATED SYSTEM

The TPT2000 Conference system incorporates the 3D TelePresence optical display with integrated lighting, infrared repeater, sound system and housing for a 50" to 55" monitor, camera and codec.

## EASY TO MOVE

With an all aluminum enclosure and structural frame the unit is lightweight making it easy to move. The large casters roll smoothly to make it possible to position the system within the room.



## ELEGANT DESIGN

The TPT2000 Conference system is well suited for professional business applications. The dramatic angles and the well-proportioned shapes are appealing.

## SAFETY GLASS

The glass beamsplitter has special qualities of reflectivity and transparency to achieve the desired visual effect. The glass panel is laminated to provide safety in the work environment.

## AUDIO SYSTEM

The system has an exceptional sound system with powerful amplification. The system can be used in small rooms or large venues.

## WIDE VIEWING ANGLE

The beamsplitter is wider than the image area so that people sitting off the central axis can comfortably see the displayed participants.





## SPECIFICATION

**Model:** TPT2000 Conference system

**Camera and codec:** TPT2000 system accepts cameras and codecs from Polycom, Tandberg, Sony, LifeSize, Aethra, HaiVision and Vidyo

**Monitor:** Professional 50" to 55" plasma, LCD or LED monitor

**Unit Construction:** Aluminum enclosure with steel supports

**Silver Powder Coating:** Metal exterior finishes in durable powder coating with bright silver sparkle finish

**Black Covering:** Matt black felt covering of visual drop out surfaces

**Front Surface Mirror:** Optical quality front surface mirror in front of camera

**Backdrop lighting:** Integrated low energy compact fluorescent 5000K lighting

**Graphic panels:** Computer generated design on laminated graphic panels

**Pull out tray:** Mechanical sliders for access to equipment on tray

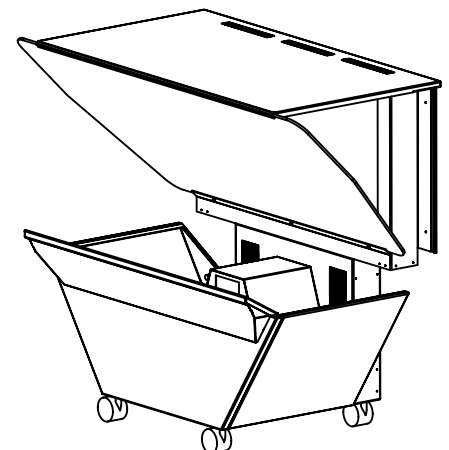
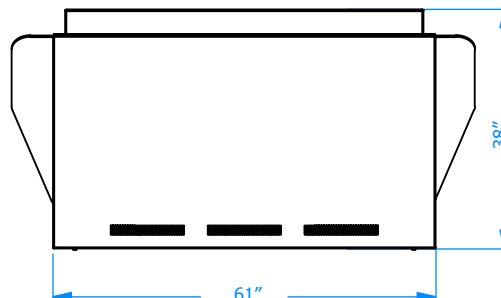
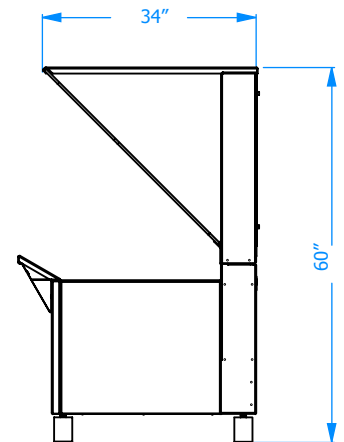
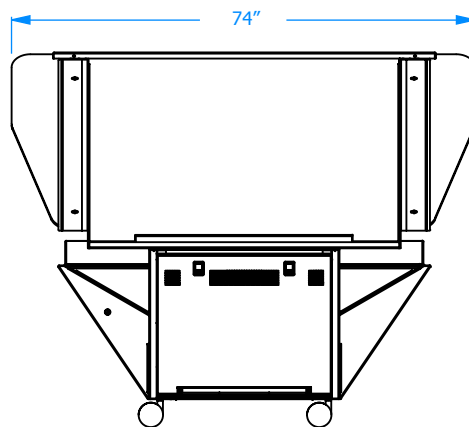
**Power distribution:** 8 inputs for IEC power strip

**Casters:** 10 cm twin wheel casters with locks on back pair

**Safety Glass:** Glass beamsplitter for three dimensional visual effect laminated to meet safety standards

**Audio System:** Integrated stereo speakers with midrange and tweeter and stereo amplifier

**Infrared Repeater:** Receiver for infrared receiver position in upper enclosure with IR repeater block and two infrared emitters



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## TPT1900 LECTERN

The TPT1900 Lectern displays a life-size presenter at standing height to appear in front of an audience with aligned eye contact.



### TELEPRESENCE LECTERN

The TPT1500 Lectern is the optimal telepresence solution for a presenter to appear in front of an audience. This system creates a realistic experience of the presenter actually being in the room for a live presentation. This is very different from watching a person displayed on a flat video monitor, such as with other "telepresence" solutions.

### PRESENTER'S POINT OF VIEW

A beamsplitter is used to align the camera at the eye level of the presenter. The presenter can see the audience from the same point of view as if he or she were actually at the lectern in room with the audience.

### COMMANDING AUDIENCES

The TPT1900 Lectern gives the presenter a commanding position in front of an audience. He or she can make eye contact with the audience and appear to be three dimensionally in the room. This system not only shows the presenter in the best light, it generates a sense of importance for their special appearance at the venue.

### ROLLS THROUGH SINGLE DOORWAY

The TPT1900 is fully self contained and is narrow enough to roll through a single doorway without any disassembly. The system can be positioned on a stage or in a room without any requirement to modify the lighting or room setting.



**Model:** TPT1900 Lectern

**Construction:** Lightweight and structurally strong aluminum frame and enclosure with lockable back panels

**Safety Glass:** Specialist coating on glass beamsplitter for three dimensional visual effect laminated to second substrate to meet international safety standards

**Power distribution:** Single external IEC power input to a distribution module with twelve output plugs

**Silver Power Coating:** Metal exterior finishes in durable powder coating with bright silver sparkle finish and sections of matt black

**Large Casters:** The systems has 5" dual wheel casters for ease of movement



**Network Input:** An input for an Ethernet cable is positioned at the back of the system

**Front Surface Mirror:** Optical quality front surface mirror positioned in the camera view

**Internal Lighting of Backdrop:** Linear arrays of LED lights illuminate the backdrop

**Infrared Repeater:** Receiver for infrared repeater in enclosure with IR repeater block and two infrared repeaters for equipment within the metal enclosure

**Audio System:** Professional 8" speaker with amplifier

**Equipment Rack:** 19" rack inside bottom enclosure for mounting codec and other electronic equipment

**Monitor:** Enclosure for 47" LCD monitor by Sony

**Codec Options:** Designed to accept the major codec models from Sony, Cisco, Tandberg, Polycom, LifeSize and others.



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## TPT1500 CART

The TPT1500 Cart provides mobility for personal communication with eye-to-eye contact through 3D TelePresence.



### PERSONAL COMMUNICATION

The TPT1500 Cart is designed to deliver the ultimate in personal communication through aligned eye-to-eye contact and a three dimensional sense of presence. This system is ideal for effective consultation and individual evaluations conducted of a distance.

### EASY TO MOVE

When not in use the overhead component can be folded down to make the system compact for moving. The folded TPT1500 Cart is narrow enough to be easily rolled through the opening of a single door.



### ELEGANT DESIGN

The TPT1500 Cart is well suited for professional business applications. The dramatic angles and the well-proportioned shapes are appealing.

### AUDIO SYSTEM

The TPT1500 Cart has an exceptional sound system with powerful amplification. The system can be used in small rooms or medium sized venues.



**Model:** TPT1500 Cart

**Construction:** Lightweight and structurally strong aluminum frame and enclosure with steel brackets

**Mechanical:** Pair of gas struts for lifting the overhead cover into the open position

**Safety Glass:** Specialist coating on beamsplitter glass for three dimensional visual effect laminated to second substrate to meet international safety standards

**Power distribution:** Single external IEC power input to a distribution module with twelve output plugs

**Silver Power Coating:** Metal exterior finishes in durable powder coating with bright silver sparkle finish

**Front Surface Mirror:** Optical quality front surface mirror in front of camera

**Front Lighting:** LED light panel positioned on front of hood to illuminate the user

**Internal Lighting of Backdrop:** Linear arrays of LED lights illuminate the backdrop in the overhead enclosure

**Acoustic Overhead Enclosure:** Inside of overhead enclosure incorporates sound absorbing panels to optimize the acoustic quality for the mounted microphone

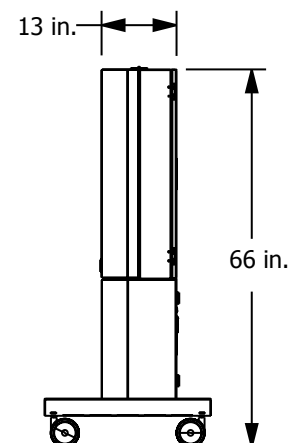
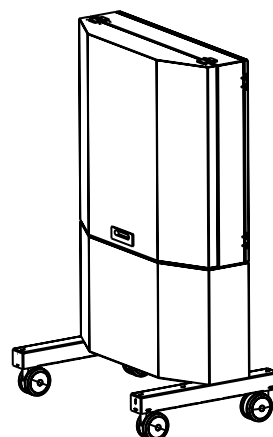
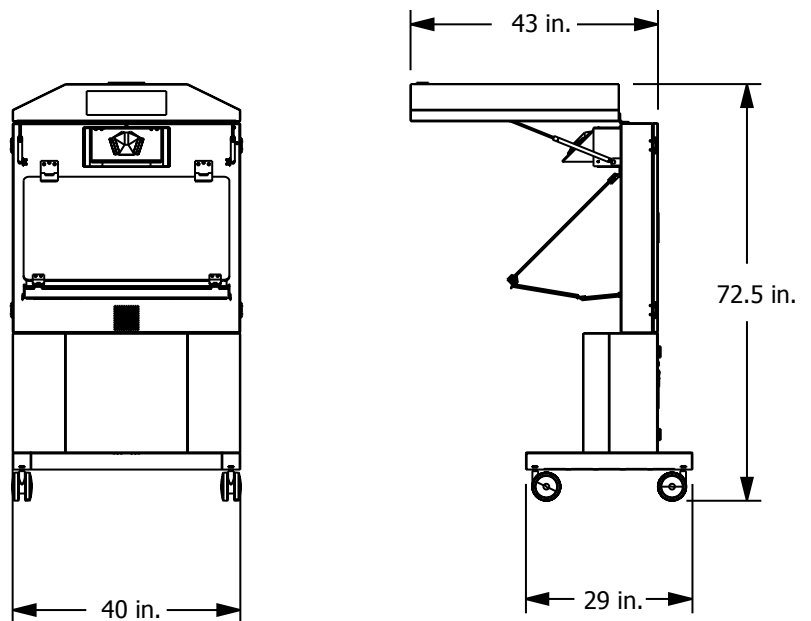
**Infrared Repeater:** Receiver for infrared repeater in upper enclosure with IR repeater block and two infrared repeaters for equipment within the metal enclosure

**Audio System:** Professional studio speaker with integrated amplification

**Equipment Rack:** 19" rack inside bottom enclosure for mounting codec and other electronic equipment

**Monitor:** 42" LCD monitor by Sony

**Codec Options:** Designed to accept the major codec models from Sony, Cisco, Tandberg, Polycom, LifeSize and others.



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# EYE-TO-EYE TELEPRESENCE SYSTEMS

The TelePresence Tech Eye-to-Eye systems achieve eye contact for natural human communication over a distance.

## EYE CONTACT

Video conference and telepresence systems that place a camera at the top of a monitor cannot deliver eye contact. TelePresence Tech has a portfolio of patents that cover our proprietary solution for achieving eye contact.

## PRODUCT RANGE

The Eye-to-Eye products range from desktop systems with a 22" monitor to large room systems with a 103" monitor. There is an Eye-to-Eye system for all conference and meeting rooms.



## INTEROPERABILITY

The Eye-to-Eye systems accommodate cameras and codecs from Sony, LifeSize, Cisco, Tandberg, Polycom and other standards based systems. These systems can communicate with other video conference systems to send and receive video in the standard format.



## COMPACT SOLUTION

The Eye-to-Eye systems require less space in a room than standard video conference systems. This is because the users can sit closer to the displayed participants on the screen without the distortion caused by a camera placed on the top of the monitor.



## DIRECT VIEWING

The users directly view through the beamsplitter to the displayed image on the monitor. This configuration assures the optimal quality in the displayed high definition image with excellent brightness and color depth.

## ROOM SETTING

The TelePresence Tech Eye-to-Eye systems do not require a special backdrop to achieve excellent results. These systems are easy to use since there is no need for room modifications.

### Eye-to-Eye TPT22

The TPT22 is a 22" telepresence system that can be placed on a desk or table. The beamsplitter is tempered for safety. LED back lighting is optional.

Dimensions

20 1/2" W x 16 1/2" D x 21 3/8" H

### Eye-to-Eye TPT46

The TPT46 is a telepresence system that can be placed on a standard table height surface. If placed on a cart the system can roll through a single doorway without disassembly. The beamsplitter is tempered for safety. The unit has an infrared repeater. LED back lighting is optional.

Dimensions

44 1/4" W x 30" D x 33 1/2" H



### Eye-to-Eye TPT65

The TPT65 is a fully self contained 65" telepresence system on casters. The unit has an integrated 19" rack with infrared repeater and power distribution. The beamsplitter is laminated safety glass. LED back lighting is optional.

Dimensions

61 3/4" W x 42 3/4" D x 65" H



### Eye-to-Eye TPT85

The TPT85 is a fully self contained 85" telepresence system on casters. The unit has an integrated 19" rack with infrared repeater and power distribution. The beamsplitter is laminated safety glass. LED back lighting is optional.

Dimensions

80" W x 54" D x 76" H

### Eye-to-Eye TPT103

The TPT103 is a fully self contained 103" telepresence system on casters. The unit has an integrated 19" rack with infrared repeater and power distribution. The beamsplitter is laminated safety glass. LED back lighting is optional.

Dimensions

95" W x 59" D x 86" H



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