

# 3D TelePresence Reception Desk

## Technical Specifications

### TPT-Kiosk

Enclosure with laminated glass supports and specially designed ceiling.  
 Can be integrated in-wall or used as stand-alone unit.  
 Tailor made exterior finishes in durable materials.  
 Matt black felt covering of visual drop out surfaces.  
 Integrated LED lighting.  
 Power distribution : 8 inputs for IEC power strip.  
 Specialist glass beamsplitter for three dimensional visual effect  
 laminated to meet safety standards.  
 H 232.3 cm D 94.4 cm W 109.2 cm

### Codec

#### PCS-XG80

Communication Protocol Standards H.320,H.323,IETF SIP

### Video

Compression Standard	H.261, H.263, H.263+, H.263++, H.264, MPEG-4 Video (SIP Only)
Resolution	4.3 QCIF (176x144), CIF (352x288). 4CIF (704x576) 16:9 wCIF/w288p (512x288), w432p (768x432). w4CIF (1024x576), 720p (1280x720). 1080i (1920x1080)
Maximum Frame Rate	H.261 QCIF 30fps, CIF 30fps H.263 QCIF 30fps, CIF 30fps, 4CIF 15fps H.264 QCIF 60fps, CIF 60 fps, 4CIF 60fps, wCIF 60fps. w432p 60fps, w4CIF 60fps, 720p 60fps, 1080i 60 fps
Bit rate	IP 64 kb/s to 10 Mb/s ISDN 56 kb/s to 768 kb/s (with optional PCSA-V768S) 56 kb/s to 384 kb/s (with optional PCSA-B384S)

### Audio

Bandwidth and Coding	MPEG-4 AAC-LC Stereo: 22 kHz at 128 kb/s. 192 kb/s - IP Only MPEG-4 AAC-LC Mono: 14 kHz at 48 kb/s, 64 kb/s, 96 kb/s MPEG-4 AAC-LC Mono: 22 kHz at 64 kb/s, 96 kb/s - IP only G.711: 3.4 kHz at 56 kb/s, 64 kb/s G.722: 7.0 kHz at 48 kb/s, 56 kb/s, 64 kb/s G.728: 3.4 kHz at 16 kb/s.
Echo Cancellation	Stereo echo-cancelling supported Noise reduction included Automatic gain control included
Other Standards	RFC2190, RFC3016, RFC3047, RFC3261, RFC3264 RFC3550, RFC3984, RFC4537, RFC4587, RFC4629 RFC4856
Network Protocol	TCP/IP, UDP/IP, RTP/RTCP, DHCP, DNS, SNMP, TELNET, SSH, HTTP, HTTPS, SNMP, NTP, PPPoE, UPnP
Data Sharing	H.239 (video and presentation data)*
Encryption Protocols	H.233, H.234, H.235 ver.3
<b>Network Features</b>	
Intelligent QoS	Adaptive FEC (Forward Error Correction), Real-time ARQ (Auto Repeat reQuest), ARC (Adaptive Rate Control)
(Quality of Service)	
Others Network Features	NAT, IP Precedence/DiffServe, UDP Sharing, TCP/UDP Port Setting, Auto Gatekeeper Discovery, Packet Reordering, URI Dialing

### Interface

Video Input	AUX Video Input (S-Video x 1, analog component Y/Pb/Pr x 1, RGB x 1)
Video Output	HDMI (video, audio) x 1, RGB x 1
Audio Input	Mic Input x 2 (stereo x 1/mono x 2, plug-in power) up to 15 kHz EC-MIC Input x 2 (PCSA-A7) up to 15 kHz Audio Input (MIC/AUX) x 2 (RCA pin, stereo) up to 22 kHz (AUX)
Audio Output	HDMI (video, audio) x 1, Line Output (RCA pin, stereo) x 1, REC Output (RCA pin, stereo) x 1
Control	RS-232C
Memory Stick	Memory Stick Slot x 1
Tablet Interface	Tablet Interface x 1
Maintenance Interface	RS-232C x 1
Network	10 BASE-T/100 BASE-TX x 2, ISDN Unit Interface x 1

### Camera XTL-80

#### PCSA-CXTL80 Camera Specifications

1/3-type CMOS
1080/50i
Approx. 2 Megapixels
5.1 to 51 mm (F1.8 to F2.1)
5.4" (tele) to 50" (wide)
(67" with wide conversion lens)
x10 optical zoom, (x12 with digital zoom)
min.5" to plus15" (Manual Tilt)
Fixed Camera connection cable
70X92 mm (Diameter x D) excl. Bracket

### Display

#### FWD-S42H1 Specifications

<b>Panel</b>	<b>FWD-S42H1</b>
Panel System	a-Si TFT Active Matrix LCD Panel
Panel size	42"
Native resolution	1920 x 1080
Maximum resolution	1920 x 1200
Luminance	700 cd/m2
Contrast (dark room)	1000:1
Viewing angle (H/V)	178°/178°
Pixel Size HxV	0.4845 x 0.4845 mm
Colours	1.06 billion
Display area (HxV)	930x523 mm

#### HD Flash Card Reader

Operation System	OSD multi-language on TV through a IrDA Remote Controller
Memory card	Compact Flash™ Card type I/type II (CF)
Video Format	HD WMV9 MP@HL source (Main Profile / High Level) supports resolution up to 1920x1080 (1080P)
Output Port	HDMI 480P/ 720P/ 1080i/ 1080P S-video (NTSC / PAL) Composite Video (NTSC / PAL) Stereo Audio jack VGA 640x480/ 800x600/ 1024x768/ 1280x1024/ 1360x768 RS-232 port USB 2.0/1.1
Network Function	Ethernet RJ-45, 10/ 100 Base-T. Wireless Wi Fi using 802.11g at up to 54Mbps. 802.11b is compatible at 11Mbps. Network remote control function (start and stop) through the IE browser. Embedded FTP Server: Upload, delete, download, rename media files on the CF card. Multiple network services : HTTP (User Interface), FTP (File Management), PPPoE (Fixed IP Address is recommended) Dynamic DNS, and firewall port forwarding (used in virtual IP address).

#### Integrated Speaker system.

Enclosure system: 2-way bass-reflex system  
 Drivers: 4-inch (100mm) woofer, 0.6-inch (16mm) soft dome tweeter  
 Impedance: 4 ohm  
 Freq. Response: 60Hz – 30kHz  
 Crossover Freq: 1.5kHz  
 Enclosure volume: approx. 2.8 liters  
 Amp Output Power: 18W (LF), 18W (HF)  
 Input Terminals: 6mm TRS Phone (balanced) / -16dBV  
 RCA Pin (unbalanced) / -10dBV  
 Input Impedance: 54k ohm or more  
 Distortion: 0.1% THD @12W 4ohm 20Hz – 20kHz  
 Signal to Noise Ratio: 75dB, 20Hz – 30kHz, unweighted