

# *Goldline® 150*



## **Desktop Videoconference System with TFT Display**

**First Desktop Videoconference System without any PC intervention.**

**Just change your PC-Monitor against the new modern and bright TFT Display. Enjoy a highclass videoconference with Sony PCS-1600 Basic Codec.**

**Use ISDN or IP-Network for video Communication in between our are able to watch the latest economy news on NTV and Bloomberg**

**As the TFT is also used for PC Applications you can surfe in the internet or work on an Excel sheet.**

**Goldline 150 ist the communication platform für manangers in highest quality.**

**Don't forget when you dispose your old PC-based videoconferencing system you get an additional free slot in you PC and you are indipendent from operating systems. No more system crashes or resource conflicts**



**Conference Ready within five Seconds after Power on**

**High Quality Real Life Video for all participants**

**15" TFT Monitor System enhancing Conference Communications**

**Natural Audio with a more inovative echo cancellation**

**Secure Transmission Using State of the Art Built-In Encryption Units**

**Simple to use Mousepad**

**True Plug and Play Room System based on Sony's® newest Basis Codec PCS-1600**

**IP-Interface for Service and Remote Diagnostic**

**Supports all ITU-T Standards**

**A wide range of Options and Upgrades**



Desktop  
Videoconference-  
System  
with TFT Monitor

# Goldline® 150

## Desktop Videokonferenz System with TFT Display

### Key System Features

#### Video

- High Quality Real Life Video at 384 Kbps (H.263/H.261) Standards
- 15" TFT Monitor System enhancing Conference Communications

#### Audio

- Natural Audio with a more innovative echo cancellation
- One internal microphone
- Supports all ITU-T Standards

#### Transmission

- 384 Kbps Direct Connect using three S0 lines with all Worldwide ISDN Protocols
- Variable speeds ranging from 56/64 Kbps, 336/384 Kbps
- Secure Transmission using State of the Art Built- In Encryption Units

#### Data Conferencing

- T.120 Series Compliant

#### Options

- H.323/Lan Software 1MB
- Integrated H.320 Multipoint Conference Unit upgrade
- V.35 Interface Board for other Net works

#### Remote

- 100% administrable with IP MS Explorer or Netscape

#### Support

- 24 hour world wide on site repair
- 24 hour Hotline
- Remote Diagnostics

### Specifications

#### International Standards

H.320, H.261, H.263, H.221, H.242, H.230, G.711, G.722, G.728  
H.243, H.281, T.120 series

#### Video

Inputs: S-Video x 1 Main Camera  
S-Video x 1 Docu Camera  
VGA x 1 640 x 480  
S-Video x 1 Auxiliary

Outputs: S-Video x 1 TFT Monitor  
FBAS x 1 Auxiliary  
S-Video x 1 Auxiliary

Formats Pal/NTSC

#### Main Camera

1/3" CCD  
Picture Elements: 752x 582 lines  
Resolution: More than 420 TV lines  
Presets: 6 Positions  
Focal Length: 5.4 ~ 64.8mm  
12 x Zoom  
Zoom, focus, pan, tilt, auto tracking, auto zooming, and back light control

#### Lip Synchronisation

AUTO, On/OFF

#### Video Graphics

Compression: H.261 Annex D (CIF)x4

Resolution: PAL: 704 Pixels x 576 lines  
Transfer Rate: 4-5 Sec @ 112/128 Kbps, 1-2 Sec @ 336/384 Kbps

#### Picture in Picture

Size 1/9 of Screen  
Positioned in one of the four corners of the screen on/off

#### Audio

Full duplex, Adaptive acoustic echo cancellation  
1 microphone input  
Line level in  
VCR audio (play) input  
Line level out to Main Monitor

#### Audio Bandwidth / Coding

ITU-T G.722  
48/56/64 Kbps, 50Hz-7 kHz  
ITU-T G.728  
16 Kbps, 50 Hz- 3.4 kHz  
ITU-T G.711  
64 Kbps, 50 Hz- 3.4 kHz  
(µLaw / A Law)

#### Communications Protocols

ISDN: Euro ISDN, E-DSSI  
Multiplexing: Video, Audio, Data  
Frame Format: H.221 Bonding  
Interfaces: ISDN 1x S0 (BRI) 2B Ch.  
ISDN 3x S0 (BRI) 6B Ch.  
H0 IMUX Bonding  
V.35 /w RS 366 (Option)  
TCP/IP (H.323) (Option)  
Transfer Rates: 56/64 - 336/384 Kbps  
LAN Option 1024 Kbps

#### Auxiliary Control Port

RS-232C 9600 bps (1 Stopbit, No Parity, 8 Data Bits)  
Ethernet 10BaseT

#### User Interface

Mousepad

#### Document Conferencing

T.120 compliant including:  
T.122 multipoint  
T.123 video conferencing protocols  
T.124 generic conference control  
T.125 multipoint  
T.127 file send

#### Multipoint Connectivity

Locations: Dependent upon External MCU  
Picture Selection: H.243 Chairman  
Data Rates: 56/64 Kbps 336/384 Kbps  
Frame Rate 30 Fps @ 384 Kbps  
Dial In: H.221, Bonding (H0 IMUX)  
Video: H.261, H.263  
Graphics: H.261 Annex D  
Data: T.120 Series

#### Encryption

3 ISDN Lines up to 384 Kbps

#### Diagnostics

Internal: On Screen Menu  
Remote: ISDN  
S/W Upgrade: ISDN, PC, PCM-CIA Card

#### Options

MCU Option  
Standard: H.320  
Locations: 4  
Data Rates: 56/64 Kbps - 112/128 Kbps per Location  
Frame Rate: 15 Fps  
Picture Selection: Voice Control/Chairman/Quarter Split  
Video: H.261  
Integrated PC (WIN 98 - WIN NT)  
External Echo Cancellor  
Additional Microphone  
V.35 Interface Board  
Docu-Station with integrated Scan converter  
Lan Software (H.323)