

TS6210/6210E

At a great performance/cost ratio, TS6210/6210E videoconferencing terminal ensures you the most efficient communication solutions tailored to suit the needs of your enterprise.



TS6210/6210E is a set-top videoconferencing terminal, integrated with a PTZ camera. Its small form factor with highly fashionable Italian style design, incorporating outstanding video & audio performance and exceptional network adaptability, TS6210/6210E brings you a perfect videoconferencing experience and delivers functions like synchronous transmission of speaker and laptop screen, streaming media, firewall traversal and encryption policy. TS6210/6210E performs also a strong extension conference in order to create efficient and real life communications with remote instant collaboration.

- **Exceptional Video/Audio Quality**

Embedded with efficient H.264 video codec and Broadband Sound Processing technologies and with integration of the Video Intelligence Optimization and Coding Policy Adjustment technologies®, TS6210/6210E lets you enjoy an exceptional audiovisual experience in any type of bandwidth environment, even in limited uploading speed of ADSL access networks.

- **Efficient Remote Collaboration**

It becomes very easy by sharing a high resolution screen images from your laptop through this video communication channel with multiple sites. Every participant can browse your presentation slides, pictures, spreadsheets or documents simultaneously while watching your speech image. Audience can choose a PIP mode either on one TV set or use one TV and one projector separately.

- **Strong Network Adaptability**

With power of IPLR (Intelligent Packet Loss Recovery), Dynamic Rate Adjustability and QoS Optimization technologies, this Meeting Terminal can automatically adapt to different network environments and ensure conference running under adverse Internet network conditions. TS6210/6210E also consists of a built-in proxy, which allows setting up a traversal over NAT and firewall, without any additional equipment. Thus, you can rapidly deploy a highly secured network on the basis of Internet connection.

- **Intensive Security Feature**

TS6210/6210E adopts the 128-bit high-reliability encryption mechanism to insure conference information security. In addition, it incorporates the embedded design architecture based on dedicated chips and strict authorization & authentication policies to prevent system security from unauthorized access.

- **Conference Multicast**

TS6210/6210E supports conference multicast function, which makes live multicast of a conference to LAN users. In this way, those who are not present to conference site can watch the conference from their PC in office.

- **Embedded MCU ***

By use of an embedded MCU, TS6210E can get access to a maximum of five remote sites at the same time. To create a multipoint conference, it won't require any additional equipment, which saves considerably cost.

* TS6210E only

- **Simple and Easy to Use**

TS6210/6210E is a compact and fashionable design product with integration of a high-performance PTZ camera. Besides, the package comes with a high-quality omni directional microphone. The setup is simple by connecting TS6210/6210E to a TV set or projector and to a network connection. TS6210/6210E provides you with friendly Graphic User Interface, you can use its remote control to initiate a conference, just as simple as making a phone call.

TS6210/6210E

Technical Specifications:

Protocol Standards

System standard: H.323
Video standard: H.263, H.263+, H.264
Audio standard: G.711, G.722, Annex C/Polycom® Siren14™, G.728
Dual video standard: H.239
Network protocols: TCP/IP, Telnet, HTTP, FTP, SNMP, DHCP, RTP/RTCP
Other standards: H.225, H.231, H.235, H.241, H.242, H.243, H.245, H.281

Conference Rate

Up to 2 Mbps

Video Resolution

CIF (352×288)
VGA (640×480)
SVGA (800×600)
XGA (1024×768)

Video Frame Rate

PAL: 25 frame/second
NTSC: 30 frame/second

Video Input

1×RCA, composite video

Video Output

2×RCA, composite video
1×VGA, PC content

Video Features

PIP display
Video input signal detection
Adjustment of brightness, saturation, and contrast
Local video loop function

Audio Input

1×MIC, XLR interface (12V phantom power supply)
2×RCA, line level
1×KAI, dedicated KEDACOM Audio Interface (Application functions to be extended)

Audio Output

2×RCA, line level

Audio Features

Automatic mixing of multiple inputs
Automatic Echo Cancellation (AEC)
Automatic Noise Suppression (ANS)
Automatic Gain Control (AGC)
Mute and quiet control
Active lip synchronization

Network Interface

TS6210: 1×10/100Mbps

TS6210E: 2×10/100Mbps
WiFi optional, IEEE 802.11b/g

Control Interface

1×RS232
Infrared remote control

Other Interfaces

1×USB 2.0 (Application functions to be extended)

Network Adaptability

NAT/firewall traversal
Socks5 traversal
IPLR
Dynamic rate adjustment
QoS (DiffServ, IP Precedence)
IP address conflict detection
PPPoE

Security Features

H.235 conference encryption
128-bit AES encryption
Conference password
Login authentication and authorization
Gatekeeper password authentication

Management and Diagnosis

OSD menu management via a remote control
PC Web login management
Online configuration and remote upgrade
Terminal self-test, loopback test, color bar test, and audio test
Running status monitoring, alarm display and sending
Address book management

Easy to use

GUI update
Domain name call
GK domain name registration
H.323 proxy domain name registration
Auto standby and resume

Embedded MCU*

6-point MCU (local site + 5 remote sites)
Continuous Presence, and intelligent mixing
NAT/Firewall traversal
Embedded gatekeeper
*TS6210E only

Multi-sites meeting

Multi-sites meeting initiates from endpoint
Join virtual meeting room on KDV serial MCU
Multi-sites meeting via embedded MCU*
*TS6210E only

Multicast Functions

Conference streaming multicast
Dual video streaming multicast
Multicast password authentication

Dual Video Stream

H.239 dual video stream
Adjustable dual streaming bandwidth allocation
PIP mode/Dual display mode

Language Support

Chinese, English, French
Input Language: Chinese, English

Caption Function

Boardroom logo
Boardroom simulation banner
Short message sending/receiving

Camera

Optical zoom: 18X
Maximum horizontal angle of view: 48°
Pan Range: ±100°
Tilt Range: ±30°
Horizontal resolution: 460 lines
Minimum illumination: 1.0 lux
Auto/manual zoom
Automatic white balance
PTZ control

Microphone

TrueVoc high sensitivity conference microphone
Pick-up Pattern: Semi-cardioid
Frequency Response: 30Hz~18000Hz
Max. Sensitivity: -16dB
S/N: More than 74dB
Pick-up Range: Horizontal 120°, Vertical 60°
Pick-up Distance: Up to 6m

Electric Features

Power consumption: ≤30W
Adapter power supply: AC (90~246V/47~63Hz)

Environmental Requirement

Operating temperature: 0°C~40°C
Operating humidity: 5%~85% (non-condensing)
Atmospheric pressure: 70~106kPa

Physical Features

Dimensions: 150mm (H)×270mm (W)×210mm (D)
Weight: ≤2kg

