

TS5210

With a very compact design and a great performance/cost ratio, TS5210 videoconferencing terminal is definitely your ultimate choice to deploy your videoconferencing network in any kind of office environment.



TS5210 is a set-top videoconferencing terminal, with integration of high caliber camera and microphone. An all-in-one design makes usage extremely easy. With outstanding video & audio performance and exceptional network adaptability, TS5210 can be deployed fast in public network. TS5210 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®, TS5210 lets you enjoy an exceptional audiovisual experience in any type of bandwidth environment, even in very 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 your different network environments and ensure conference running under adverse Internet network conditions. TS5210 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**

TS5210 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.

- **Integrated Microphone**

With the embedded microphone, participants can easily speak with a range of 5 meters, clear and sharp. No more microphone positioning, simple and cost saving.

- **Conference Multicast**

TS5210 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.

- **Simple and Easy to Use**

TS5210 comes with a friendly Graphic User Interface; you can use the remote control to initiate a conference, just as simple as making a phone call.

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Technical Specifications:

Protocol Standards

System standard: H.323

Video standard: H.264

Audio standard: G.711, G.722, I 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 1 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

1×RCA, composite video

1×VGA, PC content

Video Features

PIP display

Video input signal detection

Adjustment of brightness, saturation, and contrast

Audio Input

1×MIC, XLR interface (12V phantom power supply)

2×RCA, line level

1×KAI, dedicated Kedaom 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

1×10/100Mbps

Control Interface

1×RS232

Infrared remote control

Other Interfaces

1×USB 2.0 (Application functions to be extended)

Network Adaptability

NAT/firewall 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

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

Caption Function

Boardroom logo

Short message sending/receiving

Camera

Fixed camera

Horizontal angle of view: 70°

Horizontal Range: ±20°

Vertical Range: ±20°

Automatic white balance

Automatic brightness control

Microphone

Embedded microphone

Audio capture range: ≤5m

Electric Features

Power consumption: ≤15W

Adapter power supply: AC (90~246V/47~63Hz)

Environmental Requirement

Operating temperature: 0°C~40°C

Operating humidity: 5%~85% (non-condensing)

Atmospheric pressure: 86~106kPa

Physical Features

Dimensions: 50mm (H)×260mm (W)×145mm (D)

Weight: ≤1.2kg

