HD Video Terminal

NT90MT (MT03)

Description:

The brand-new integrated HD video conference terminal, featuring HD camera, microphone, exquisite appearance and excellent performance, supports H.265 technology and achieves UHD effects with ultra-low bandwidth. The simple installation method of the terminal makes it suitable for various small and medium conference venues.

Feature:

* Adopt an integrated design, built-in hardware video processing unit and HD camera; embedded hardware solution, high efficiency and low latency.
* Using a complete native Android underlying operating system, Android video conference applications can be seamlessly transplanted.
* Support ITU-T H.323 standard protocol and has excellent compatibility.
* Support H.264 BP, H.264 HP video codec protocol, support 1080P, 720P, VGA, CIF, QVGA, QCIF video resolution; support CIF, 4CIF, 720P, 1080P and other resolutions, support 1-30 frame rate; support 64Kbps-8Mbps access rate.
* Supports audio codec protocols such as G.711, G.722, OPUS, etc.
* Support electronic whiteboard, file sharing, conference sign-in, electronic voting and other digital conference function.
* Support H.239 dual stream function; while the mainstream reaches 1080P, the auxiliary stream can also reach 1080P.
* Support mouse control mode, support drag and drop the video window by mouse.
* Support controlling the dual-stream bandwidth of all remote venues, support PTZ control for remote venues, support control of the speech of other terminals, and support operations such as sending scrolling messages and banners.
* Support wireless streaming function, to send wireless content to other venues for simultaneous viewing.
* Support multi-screen auto split screen function, automatically select the appropriate multi-screen layout according to the number of terminals joining the meeting.
* Support resource file management; you can view, open, delete downloaded files and external U disk files in idle state.
* No need for registration, enter the meeting number to join the corresponding meeting, and you can choose the meeting interactive mode or live broadcast mode.
* Support one-click meeting initiation on the terminal to quickly create a virtual meeting on the MCU and automatically join the meeting; support inviting venues to join the meeting on the terminal. The meeting supports functions such as electronic whiteboard, file sharing, electronic voting, and meeting sign-in.
* Support scheduling meetings on the terminal, select participants, set meeting password, chairman password, live broadcast password, meeting time, etc. After submission, the MCU will automatically hold a meeting according to the timetable. The meeting supports functions such as electronic whiteboard, file sharing, electronic voting, meeting sign-in.
* Support the chairman switching other terminals in the meeting between live broadcast mode and meeting mode on the terminal. The meeting mode supports functions such as electronic whiteboard, file sharing, electronic voting, and meeting sign-in.
* Support the terminal actively applying to the chairman to switch from live broadcast mode to meeting mode. And they can switch to meeting mode with approval. The meeting mode supports functions such as electronic whiteboard, file sharing, electronic voting, and meeting sign-in.
* Support the annotation function of the auxiliary stream, and make real-time annotations on the auxiliary stream screen when sending/receiving the auxiliary stream; set three different pen thicknesses, five pen colors, and set annotation graphics such as circles, squares, arrows, and lines. When sending auxiliary stream, you can set whether to enable annotation permissions for participants to make comments together.
* Support common functions such as switching screen layout and chairman control.
* Support the banner function; you can add a banner on the conference screen, and you can set whether to enable the banner and the font size, font color, and background color of the banner.
* Support the scrolling message function; you can send scrolling message, and you can set whether to enable scrolling message and the font size, font color, background color and scrolling times of the scrolling message.
* Fully auto focus lens with no distortion (AF lens), wide-angle field of view up to 84°; support electronic PTZ (EPTZ).
* The built-in microphone array supports omnidirectional pickup; the unique noise suppression algorithm supports automatic noise suppression, automatic gain control, automatic echo cancellation, lip synchronization and other audio processing functions.
* Support the venue Mute and Silence function, and the audio output of the venue is adjustable.
* The built-in wireless WiFi module supports access to the wireless network.
* Equipped with a USB interface, the terminal can be controlled by 2.4G remote, touch control, mouse and keyboard, etc. It also supports the wireless mouse control mode.
* Fully open API supports the development of third-party applications, and convenient secondary development makes it easy to achieve customized requirements.
* Support setting the delay grade of live broadcast, including 3 options: smooth, moderate, and real-time.
* Support the web interactive whiteboard function, you can perform the whiteboard operation on the terminal control web, set three different pen thicknesses, five pen colors, and set annotation graphics such as circles, squares, arrows, and lines, set a solid color background or picture background; when the electronic whiteboard is operated on the web, the terminal output screen synchronously displays the whiteboard content. The electronic whiteboard supports paging function, and up to 5 pages.

Specifications:

Model	NT90MT
Built-in HD camera	Sensor: 1/2.5 inches, CMOS effective pixel: 2.07 million; Scanning mode: progressive; Lens focal length: f=3.5mm; horizontal field of view: 84°; auto focus: support
Video output	Two HDMI output interfaces
Built-in microphone	Omnidirectional pickup, pickup distance up to 3 meters
Audio interface	One 3.5mm audio interface (integrated input and output), two HDMI output interfaces (support audio)
USB interface	One USB2.0
TF interface	One TF card interface
Internet	One RJ45, 10/100Base-T; one WIFI network
Dimension	195mm×34mm×59mm (excluding protruding parts)
Gross weight	0.25kg
Working voltage	DC 12V
Max power consumption	9.6W
Ambient temperature	0°C~40°C(working state), -40°C~70°C(non-working state)
Relative humidity	10% ~ 80% (working state), 0% ~ 95% (non-working state)
Ambient noise	Less than 46dBA SPL
Illuminance	5lux (minimum illuminance), the recommended illuminance is greater than 300lux