



Visual Intercom Terminal

Embedded software: digital IP PA system V3.0

TV-6902B



Description:

It supports the functions such as audio information release and two-way video intercom. It is suitable for prisons, school classrooms, office rooms, conference rooms and other places.

Features:

- * Using professional audiovisual processing chip and Android operating system, it is stable and reliable, and can support 7*24 hours of uninterrupted work.
- * 11.6-inch HD display, capacitive touch screen, 1080P resolution, built in HD camera.
- * Support calling on-duty management controller and management center controller; support two-way video intercom.
- * Support one-key alarm function, send emergency alarm request to the management controller.
- * Support the emergency processing function, support canceling the alarm state of the entrance video intercom extension.
- * Support face recognition sign-in, and scheduled sign-in tasks can be preset in the background or on the management controller.
- * Support fill light function, in a relatively dark environment, provide lighting for the focal direction of the camera.
- * Support sign-in through face recognition and fingerprint recognition.
- * Support shopping mall function, clearly display the products that can be purchased in the mall and their detailed information (prices, pictures, inventory, etc.), support card payment function.
- * Support personnel management, personnel information viewing, status viewing, personnel text information editing and other functions.
- * Support card management, you can put the NFC card close to the induction area of the machine, fill in the card name and remark information, and the NFC card can be used in the machine after registration.
- * Support the functions of modifying the management password, setting the system time, setting the prompt tones, adjusting the volume, setting the screen saver and calibration, performing system upgrade, and restoring the factory settings.
- * Support the display of door number, personnel name and number, alarm information of corresponding extension, etc.
- * Support the reception and display of the information published by the information release server or controller.
- * Support standard SIP communication protocol, carry out two-way intercom with VOIP phone, support multiple SIP account mode, and support connecting to multiple SIP servers.
- * Support connecting with the video conference MCU, and participants can join the virtual conference room for multi-party video conference.
- * Support tamper alarm, send the alarm to the controller, and connect with other platforms.
- * Support encryption of data in transit to prevent others from eavesdropping.
- * Support remote upgrade function, firmware upgrade can be carried out through the LAN.
- * It has various interfaces, with USB3.0 and USB2.0 interfaces, HDMI output interface, RS485 interface, etc.
- * With one HDMI output, it supports HDMI output on a large screen to achieve dual-screen simultaneous display.
- * Support public network deployment, support long-distance calls across network segments, and no longer limited to LAN connections.
- * Support video calls, the system supports a maximum of 6 simultaneous video calls and 32 audio calls.
- * Support mood record, record mood status, support viewing the mood record data.
- * Support patrolling sign-in.
- * Support external multi-color door lights, door sensors, electric locks, NFC access control.
- * Support the connection with third-party business data (prison administration, office administration, health system, etc.), and realize prison administration service inquiry on third-party platforms such as self-service consumption, personnel information inquiry, reformation information inquiry, police discipline business interaction, and online interviews.
- * Support the installation of third-party APP applications.
- * Equipped with a mounting bottom case (iron) to support embedded installation.

Specifications:

Model	TV-6902B
Operating system	Android operating system
Display	11.6-inch HD display, capacitive multi-touch, explosion-proof touch screen, protection class IK08
Resolution	1920*1080
Internet port	Standard RJ45 port
Transmission rate	10M/100M/1000Mbps
Communication protocol	TCP/IP, UDP, IGMP, RTSP, RTMP, ONVIF
Audio format	MP3, WAV
Audio protocol	G.711a/u, G.722, AAC
Audio sample rate	16kHz~48kHz
Audio mode	16-bit stereo
Output frequency	20Hz~20kHz
Built-in speaker impedance power	4Ω, 3W
Audio stream	16Kb~192Kb
Audio port	One 3.5mm input, one 3.5mm output
MIC input sensitivity	10mV
THD	<0.1%
SNR	>85dB
Video interface	One HDMI output, support HDMI1.4
Video protocol	SIP
Video stream	512Kb~4Mb
Camera	Built-in type, 5M
Fingerprint recognition	Networking type
NFC card	NFC-532
RS485&RS232	One 485 port, connected to door light equipment, etc.
IO port	Two relay normally open outputs (passive), two control inputs control door lock equipment and camera linkage
Other ports	1 USB3.0 port, 3 USB2.0 ports, 1 SIM card port, 1 TF card port, 1 TYPEC port, 1 RS485, 1 RS232
Power supply mode	External DC power supply
Power supply	DC12V2.5A
Power consumption	10W
Working temperature	-20°C~+50°C
Working humidity	10%~90% relative humidity, no condensation
Weight	3.2kg
Dimension	380×231×42mm (L×H×D)
Installation method	Embedded or wall mounted