



# Video Intercom Interactive Terminal

## Embedded software: digital IP PA system V3.0

### TV-6902C



#### Description

It is suitable for prison warehouses, school classrooms and offices, conference rooms, etc. It can realize audiovisual information release, two-way video intercom and other functions.

#### Features

- \* Use professional audiovisual processing chips and Android operating system, support 7\*24 hours of uninterrupted operation, stable and reliable.
- \* Adopt 15.6-inch HD capacitive touch screen, 1080P resolution, built in HD camera.
- \* Support calling on-duty controller and center controller, and can realize two-way video intercom.
- \* Support alarm function, can send emergency alarm request to management controller.
- \* Support alarm processing, which can release the alarm state of the video intercom entrance unit.
- \* Support sign-in through face recognition and fingerprint recognition, and scheduled sign-in tasks can be preset in the background or on the management controller.
- \* Support fill light for the focal length direction of the camera in a relatively dark environment.
- \* Support personnel management, personnel information viewing, status viewing, editing personnel text information and other functions.
- \* Support the functions of management password modifying, system time setting, prompt sound setting, volume adjusting, screen saving and calibration setting, system upgrade, and factory reset.
- \* Support display of door number, personnel name and number, alarm information of corresponding extension, etc.
- \* Support to receive and display the information released by the information publishing server or controller.
- \* Support standard SIP communication protocol, two-way intercom with VOIP phone, support multi-SIP account mode, and support connecting multiple SIP servers.
- \* Support connecting with the video conference MCU, and participants can join the virtual conference room for multi-party video conferences.
- \* Support tamper alarm to the controller, and can also be linked with other platforms.
- \* Support the encryption of data in transmission to prevent others from eavesdropping and use.
- \* Support remote upgrade function, support firmware upgrade through LAN, convenient and labor-saving.
- \* Designed with rich interfaces to meet various functions, including USB3.0 and USB2.0 interface, HDMI HD output interface, RS485 interface and so on.
- \* Equipped with one HDMI output, support HDMI output on a large screen, and realize the same display of dual screens.
- \* Support multi-party video calls, the system supports up to 6-channel video calls and 32-channel voice calls.
- \* Support mood record, and support to view mood record data.
- \* Support patrol check-in.
- \* Support external multi-color door lights, door sensors, and electric locks.
- \* Support the connection with third-party business data (prison administration, office administration, health system, etc.), realizing the prison administration service query of third-party platforms such as self-service consumption, personnel information query, reformation information query, police discipline business interaction, and online interviews.
- \* Support the installation of third-party applications.
- \* Equipped with mounting bracket (iron), support wall-mounted installation.



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#### Specifications

Operating system	Android operating system
Display screen	15.6-inch HD display, capacitive multi-touch screen, 3mm thick anti-riot touch screen, protection level: IK08
Display resolution	1920*1080
Network port	Standard RJ45 interface
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 sampling rate	16kHz~48kHz
Audio mode	16-bit stereo
Output frequency	20Hz~20kHz
Built-in speaker impedance power	4Ω, 3W*2
Audio stream	16Kb~192Kb
Audio port	One 3.5mm input, one 3.5mm output
MIC input sensitivity	10mV
THD	<0.1%
SNR	>85dB
Video port	One HDMI output, support HDMI1.4
Video protocol	SIP
Video stream	512Kb-4Mb
Video camera	Built-in, 8M
Fingerprint recognition	Network type
RS485&RS232	1-channel 485 interface, can be docking with door light equipment
IO interface	Two-channel relay normally opened output (passive), two-channel control input, can control door lock equipment and camera linkage
Other interfaces	1 USB3.0 interface, 3 USB2.0 interfaces, 1 SIM card interface, 1 TF card interface, 1 TYPEC interface, 1 RS485, 1 RS232
Power supply mode	External DC power supply
Power supply	DC12V2.5A
Power consumption	11W
Working temperature	-20°C~+50°C
Working humidity	10%~90% relative humidity, no condensation
Weight	3.0kg
Dimension (L×H×D)	391*242*60mm
Installation method	Wall mount