

RXW-DCS1010-T

IP Video Intercom Master Station



Product Overview

RXW-DCS1010-T Support high-definition audio and video calls based on SIP protocol, with excellent hardware echo suppression and noise reduction effects; support standard SIP2.0 protocol, compatible with mainstream switch, IMS and IPPBX systems on the market, as well as various SIP protocol mainstream audio and video terminals .

Main Feature

Display and Audio Features

- 7-inch high-definition capacitive touch screen with 800x1280 resolution. Built-in digital audio professor for full duplex and hands-free audio intercom.
- Integrated 2 MP HD digital camera with physical privacy protection.

Broadcasting and Communication

- Supports file, pre-recorded, and TTS broadcasting to specific zones or terminals. Enables initiating and receiving offline calls independently of a server.
- Compatible with standard SIP protocol for easy integration with mainstream SIP
- PBX systems.
- Customizable ringtones for incoming calls and broadcasts.

Monitoring and Call Management

- Online monitoring of other terminals' working status, aiding in debugging and maintenance.
- Features for recording, tracking, and querying incoming and outgoing calls.

Technical Parameter

- 7-inch LCD capacitive touch screen design, 1024×768 HD resolution.
- Security wide-angle lens 2 million pixel HD camera
- Built-in 2.4GWIFI, built-in Blue tooth 4.0 HD audio
- Ethernet interface, USB2.0 interface
- 6-way SIP line support
- Support PSTN telecom fixed line DTMF/FSK
- Voice coding support: PCMU, PCMA, G729, G723, GSM, SILK, ISAC, speex, ILBC, AMR, opus, etc
- Video encoding support: H.264, H.263, Vp8
- Video call resolution support: HD 1080P, HD 720P, 720x480, 352x288
- Echo cancellation: Industry-leading dual-channel hardware echo cancellation and noise reduction design,
- Support hands-free full-duplex communication
- SIP supports SIP domain
- DTMF mode support: SIP info, RFC2833
- Support custom ringtones
- APP application flexible call control function: flexible dialing, support hotline number, do not disturb, hands-free automatic answering, caller ID, etc
- Support up to 1000 records of received calls/missed calls/dialed calls
- Support SIP,TCP/UDP, SIP port can be set
- Power supply: input 100-240V, output 2A/12V /PoE Support

SPECIFICATION

GRAPHIC DISPLAY	7" (1024x600) capacitive (5 points) touch screen TFT LCD
CAMERA	Tilt able megapixel CMOS camera with privacy shutter, 720P@30fps
AUXILIARY PORTS	RJ9 headset jack (allowing EHS with Plantronics headsets), USB port, SD, HDMI-out (1.4 up to 720p30fps). USB Type C x1, Rj11x1 or 3.5mm stereo headset socket.
FEATURE KEYS	2 function touch keys VOLUME +/-, 3 dedicated Android touch keys HOME, MENU, and BACK
VIDEO CODEC	H.263, H.264 BP/MP/HP
VIDEO RESOLUTION	Up to 720p
VIDEO FRAME RATE	Up to 30 fps
OPERATING TEMPERATURE RANGE	0°C to +40°C
STORAGE TEMPERATURE RANGE	-10°C to +60°C

POWER OPTIONS	Power over Ethernet (PoE & PoE+) or power adapter.
POWER OVER ETHERNET	802.3af Class 3, 802.3at Class 4
POWER ADAPTER	Input: 100-240VAC 50-60Hz; Output 12VDC 1.5A
NETWORK INTERFACE	1 x RJ45 (Ethernet) 10/100/1000 Mbps with integrated PoE
BLUETOOTH	Integrated, Bluetooth 4.0 + EDR
WI-FI	Integrated, dual-band 2.4 & 5GHz with 802.11 a/b/g/n
SECURITY	User and administrator level passwords, MD5 and MD5-sess based authentication, 256-bit AES encrypted configuration file, TLS, SRTP, HTTPS, 802.1x media access control
PROTOCOLS/STANDARDS	SIP RFC3261, TCP/IP/UDP, RTP/RTCP, HTTP/HTTPS, ARP, ICMP, DNS (A record, SRV, NAPTR), DHCP, PPPoE, SSH, TFTP, NTP, STUN, SIMPLE, LLDP MED, LDAP, TR-069, 802.1x, TLS, SRTP, IPv6, OpenVPN®.
AUDIO TECHNOLOGY	G.711µ/a, G.722 (wide-band), G.726-32, iLBC, Opus, G.729A/B in-band and out of-band DTMF (In audio, RFC2833, SIP INFO), VAD, CNG, AEC, PLC, AJB, AGC, ANS
COMPLIANCE	FCC: Part 15 (CFR 47) Class B CE: EN55022 Class B, ROHS

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