NETWORK PAGING CONSOLE PHONE

M-20

Why choose M-20

DASSCOM NETWORK PAGING CONSOLE PHONE M-20 with built-in speaker and goosneck mic. Connecting the M-20 to an IP network (LAN or WAN) permits hands-free conversation of high sound quality to be made between M-20 and IP Paging Microphone .With a numerical keypad, you can dial any number or make a quick call to the target IP paging microphone or Paging Console Phone

SIP

Design and Accessibility - Compact and aesthetically pleasing, suitable for desktop installation.

Numeric physical buttons for direct calling to any designated terminal.

Built-in 3W speaker and gooseneck microphone for hands-free operation.

Audio Connectivity and Emergency Response: - Ports for 3.5mm audio line output and microphone input, compatible with headsets.

Alarm Input/Output for integration with emergency systems like buttons, detectors, and locks.

Network Compatibility and Communication: Supports offline intercom without centralized server software.

SIP protocol compatibility for IPPBX registration as a SIP endpoint.

Standard RJ45 interface for Ethernet connectivity, adaptable across network segments and routers

M-20 Technical Specifications

POWER PARAMETERS	
Power Supply:	DC12V/2A
Standby Power Consumption:	≤5W

Audio & Video Parameters	
Audio Codec:	MP2, MP3, PCM, ADPCM
Audio Sampling & Bit Rate:	8kHz~22.05kHz, 16bit,
Built-in Speaker:	3W ,4Ω
S/N:	>80dB
Frequency Response:	25Hz~10KHz

Network Parameters	
Network I/F:	10BASE-T/100BASE-TX RJ45
Network Protocol	TCP/IP、UDP、SIP、ARP、
Configuration Method:	Web Interface or DevConfig

Mechanical & Environment Properties	
Display Screen:	LCD 16 Char x 2
Mounting Method:	Desktop or Wall-mounted
Installation Environment:	Dry Indoor Locations Only
Operatiing Temperature:	0*C~+45*C(32*F~113*F)
Operating Humidity:	≤90% RH non-condensing
Colour	Black
Housing Material:	Plastic
Product Dimensions:	95.7x195.9x 50.6mm
Product Weight:	0.3kg
Product Warranty:	2 Years Limited

| ACCESSORIES |
|---|
| 1×Power Adaptor(DC12V/2A) , 1×Quick Installation Guide , 3×Plastic Expansion Sleeve(F7) , 3×Half round head self tapping screw(M4*25) , 1×Terminal(3.96-5P) |

PORTS DESCRIBTION

④ Goosneck Microphone

① Speaker:
Restore the remote live voice.

② LCD Screen:
Show terminal status.

③ Button:
Physical call button.

PHONE
MIC

5.Alarm output(NO)
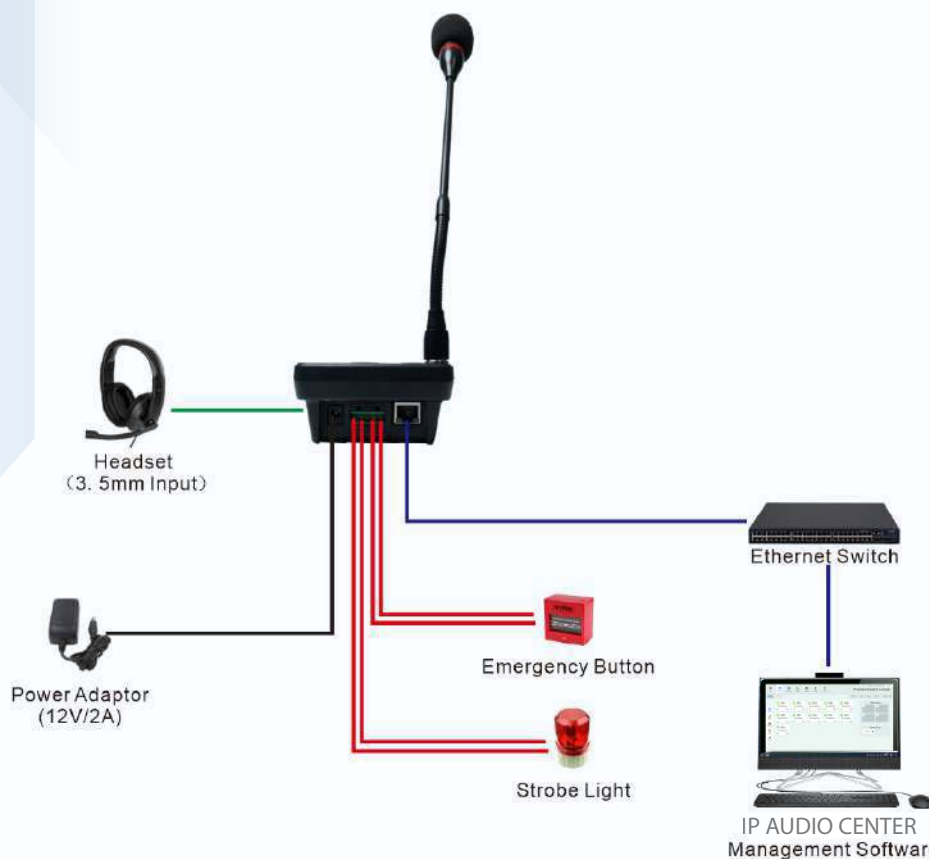4.Alarm output(COM)
3.Alarm output(NC)
2.Alarm input
1.GND
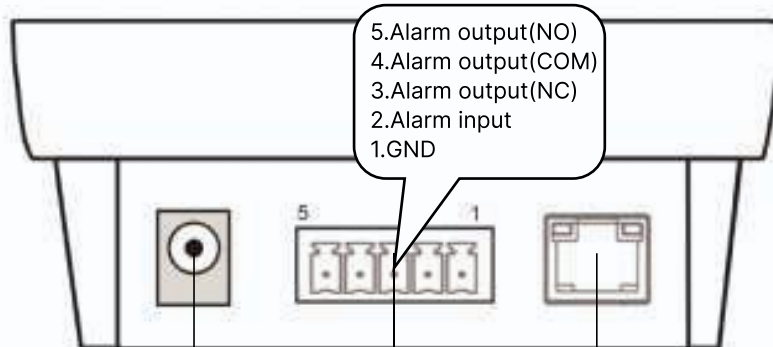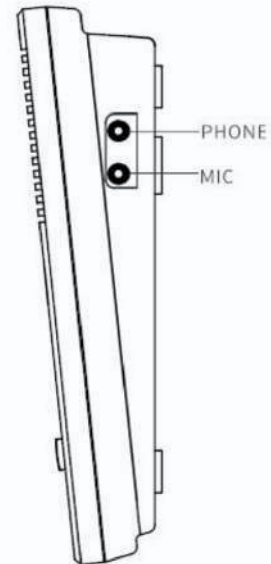
① Power input :
connect to 12V DC power supply (with anti-power connection and anti-protection circuit).

③ Network input port :
Use the cable to connect server and terminal.

② Alarm input /output :
• Alarm input port has two pins, the two pins` state won`t affect the audio terminal working state in normal use, only when the two pins are short sub, then the audio terminal will make some special operations automatically(eg: generate an alarm signal and sent to the server or give an alarm from the local terminal etc.) Alarm button,signal generator all these devices can access to this port;
• Alarm output port has three pins. Usually, pins 4 and 5 are in an open state. When the terminal receives an alarm output signal from the server, the two pins will be automatically shorted together to act as an alarm (Such as turning on the power. Control door lock).
• The maximum carrying current of the alarm output port is 500mA, and the maximum voltage is AC100V (or DC24V).
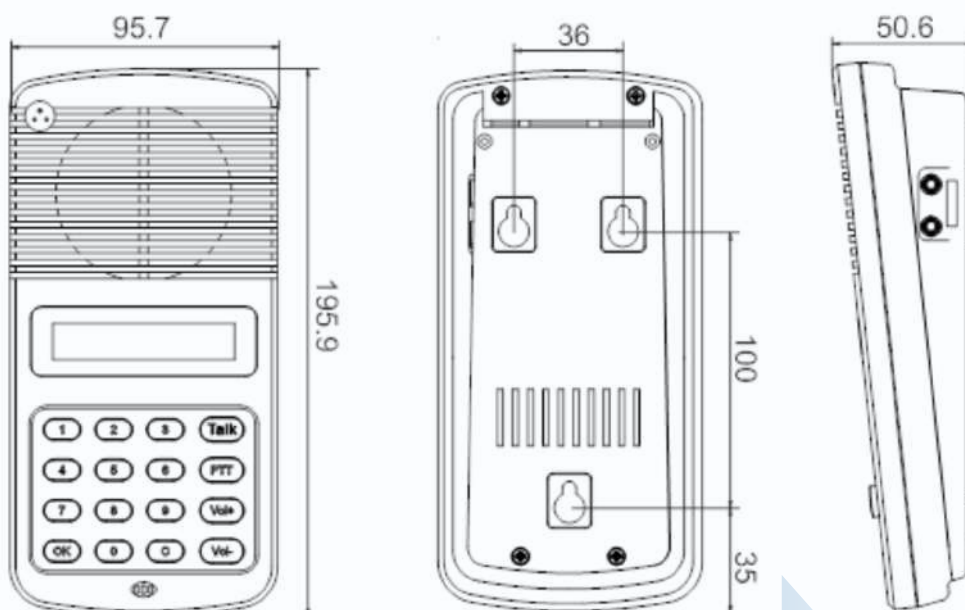
INTERFACE DESCRIPTION

Headset
(3.5mm Input)

Power Adaptor
(12V/2A)

Emergency Button

Strobe Light

Ethernet Switch

IP AUDIO CENTER
Management Softwar

DIMENSIONAL DRAWING

▌ INSTALLATION INSTRUCTIONS:

The terminal can be installed on the suitable position of desktop.

95.7   36   50.6

195.9

100

35

APPLICATIONS

▮ Application 1

Network Paging Console Phone M-20 with alarm input and out[ut interface, the alarm input can be connected with external alarm button which is used for triggering the alarm task pre-set on the server software ; The alarm output can be connected with external alarm light or electronic door lock which can be triggered by the IP paging mic to trigger the alarm light or unlock remotely.
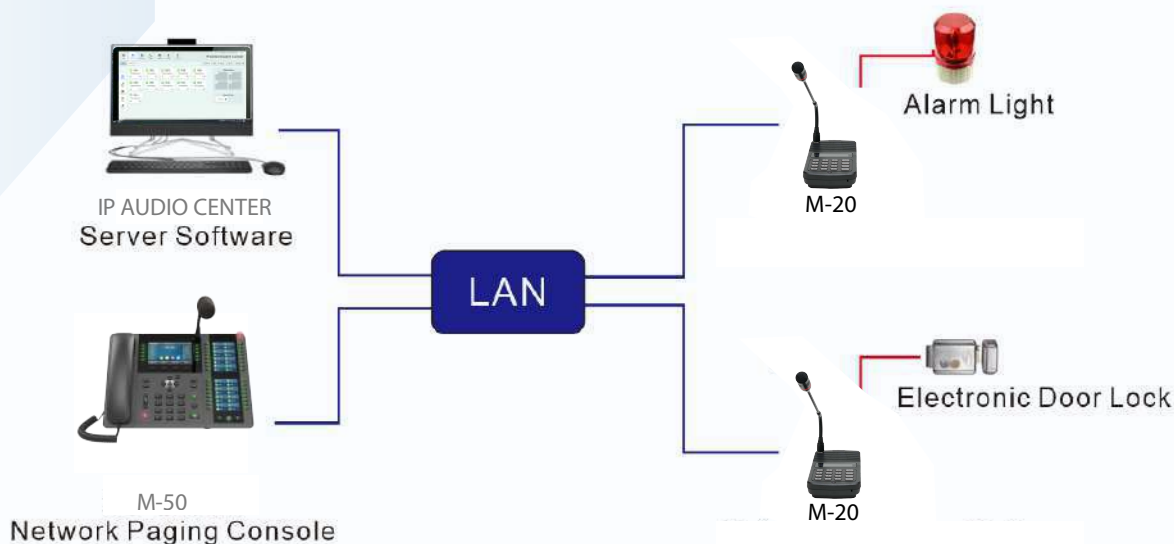
▮ Application 2

Network Paging Console Phone M-20 can initiate or accept intercom without a server software, the offline call target need to be set on the terminal webpage.