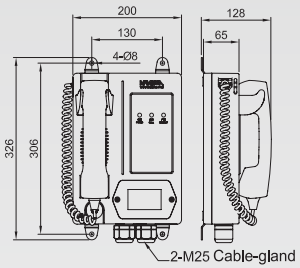
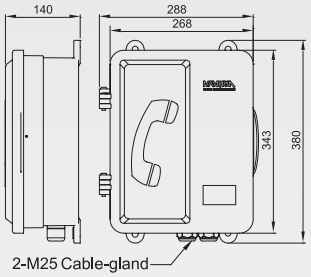
NANHUA®

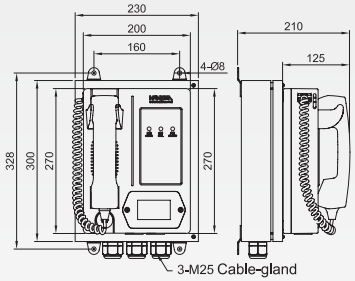
DT Digital Intercom & Paging System



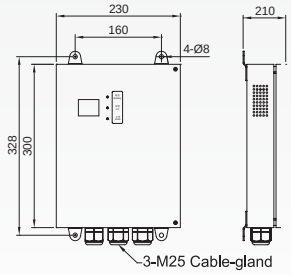
DT001 Indoor Station



DT002 Outdoor Station



DT003 Driver'Scabinet Station



DT004 Power supply

Application

Digital intercom is network communication system designed for harsh environments and work site with strong EMI, like port, power plant, mining, chemical plant, hoisting machinery, railway tunnel, Steel and Iron Works, etc.

Main Functions & Features

- Connect with one 2 – core cable, nice and easy netting.
- Ideal product for harsh environments and various applications.
- Use advanced OFDM interference technology, have good EMI resistance performance, EMC compatibility.
- Digital signal processing technology, non – loss data condensing makes no voice transmission loss and provide crispy voice quality, support 3 party communication, multi – party communication.
- Broadcasting priority.
- -15dB environment noise threshold value, lower interference.
- Auto switching off if no audio input in 2 minutes and go to sleeping mode.
- Support point – point, cascade and spreading netting.
- Auto power adjustment, auto temperature compensate, auto recover, over load protection, auto mute.
- Adjustable broadcasting volume in different working environment.
- System working voltage 24VDC, input power supply uses AC110V ± 10% or AC220V ± 10%; has backup power supply (DC24V battery) connection terminal, the main power supply can be automatically switch to the backup battery when the main power is not available.
- Any phone station can broadcasting call whole working field, which makes finding someone and making an announcement nice and easy.
- Easy of operation, LED working status indication.
- Indoor station adopts phone and speaker all in one design, easy to installation and operation.
- Outdoor station comes with lock, can work under harsh environment.

Specification

Description	Parameter
Operating voltage	DC24V
Power supply	Central power supply from power supply box
Main power supply	AC110V ± 10% / AC220V ± 10%
Backup power supply	DC24V (provide by user)
	Set the system power as circle centre, the
Communication distance	MAX semi diameter is 400m
System netting numbers	Standard for 8 stations MAX: 20 stations
Running mode	Long – term
Ambient temperature	-30˚C ~ +70˚C
Humidity	10% ~ 95% (No coagulation)
IP protection	IP65
Material	DT001: ABS;DT002: PC + ABS;
	DT003 / 004: Cold Rolled Sheet + Plastic
	Painted

shockproof IP65

DT001 Indoor station

DT001 Outdoor station

DT003 Driver's cabinet station

DT004 Power supply