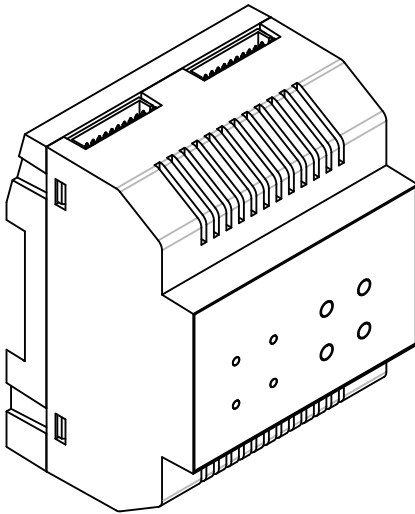# DT-GSM

GSM Interface 2-wire series
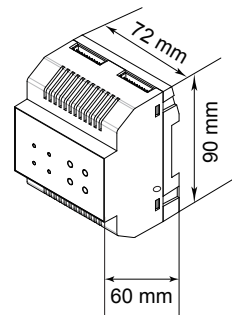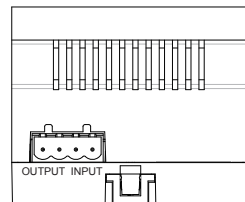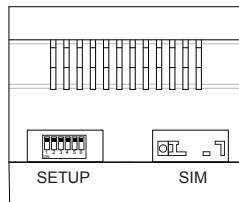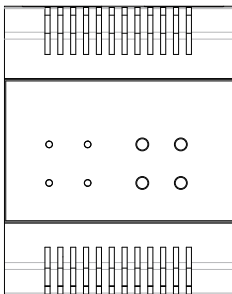
User Manual

About GSM Interface

The GSM Interface is designed for 2-wire series video door entry systems. Enables to divert calls from Door Station to a land line telephone or a mobile via Mobile Network. Requires activated SIM card with credit on it

Features:
- Maximum 3 telephone numbers can be programmed
- Only monitors with 'Call Divert' function are compatible
- One only GSM Interface per system needed
- Application:House and Apartments systems

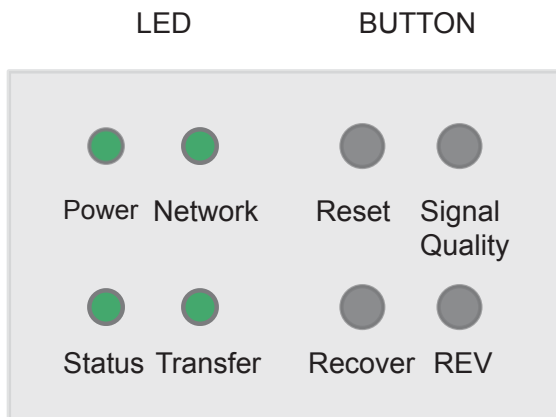## 1. Terminal Introduction

SETUP: DIP switches
SIM: SIM card slot
Output: Output port, connect to Video Monitor
Input: Input port, connect to power supply

Configuration:

LED   BUTTON

● Power ● Network	● Reset ● Signal Quality
● Status ● Transfer	● Recover ● REV

LED indicator	**Description**
Power	-LED off - GSM not working
	-LED flashes rapidly - system error
	-Steady on - GSM works normally
Network	-LED off - SIM card is not detected
	-LED flashes slowly - SIM card is detected but not registered
	-LED flashes rapidly - SIM card is detected and registered successfully, but initialization was unsuccessful
	-Steady on - GSM works normally
Status	-LED flashes ones - system receives the effective instruction
Transfer	-LED off - there is no call divert
	-LED flashes slowly - GSM in the divert awaiting state
	-LED flashes 3 times rapidly - diver has failed
	-Steady on - the system in the talking state

Button	Descriptions
Reset	- Press 'Reset' button, to reset GSM
Signal Quality	- Press 'Signal Quality' button, to check the signal strength
Recover	- Button reserved
REV	- Button reserved

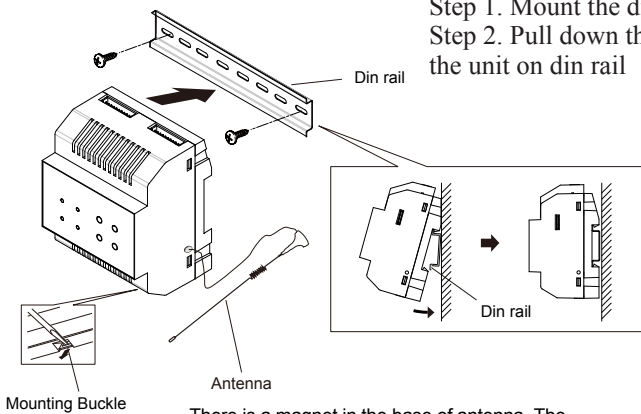**Signal strength Check**: Press 'Signal Quality' button
No signal: 4 LEDs are off
Bad signal: only the Power LED is on
Weak signal: Power & Network LEDs are on
Good signal: Power, Network & Status LEDs are on

2. Mounting

Step 1. Mount the din rail to the wall with screws
Step 2. Pull down the mounting buckle, then hang the unit on din rail

Din rail

Din rail

Antenna

Mounting Buckle

There is a magnet in the base of antenna. The antenna could be mounted on a din rail on a side of the unit or on any other metal surface
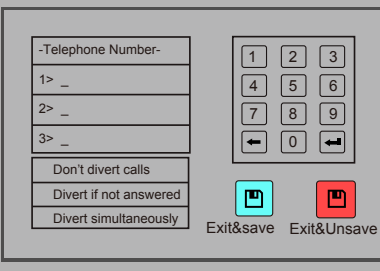
3. DIP Switches Settings for GSM Interface

DIP	DIP State	Description
DIP1-DIP5	ON 2 3 4 5 6	Reserved
DIP6	ON 2 3 4 5 6	Set 'On' for Apartments system
	ON 2 3 4 5 6	Set 'Off' for House system (default)

One GSM Interface needed for either house or Apartments systems

4.Telephone Number Programming on Video Monitor

Touch 'Call Divert' icon or find 'TPC' icon in Installer Setup

-Telephone Number-
1> _
2> _
3> _
Don't divert calls
Divert if not answered
Divert simultaneously

1 2 3
4 5 6
7 8 9
← 0 ↵

Exit&save   Exit&Unsave

1. Maximum 3 telephone numbers can be programmed
2. Touch the telephone number frame
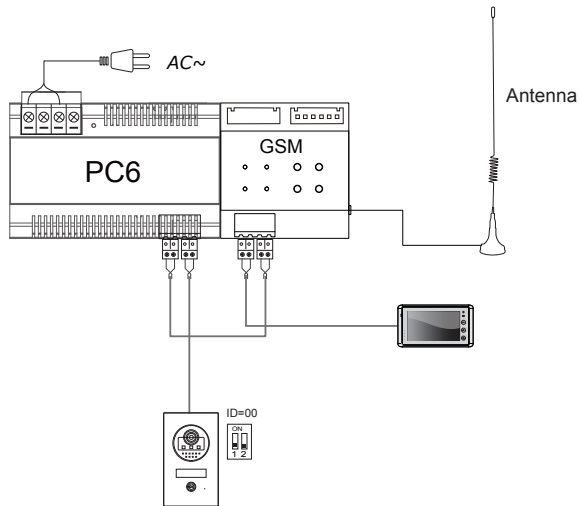3. Using the keypad, type in your number and save it

Divert Modes

There are 3 types of divert modes:

- 1 - Do not divert calls. Calls from the door station won't be diverted

- 2 - Divert if not answered. If video monitor was not answered the call within 25 seconds, the call will be diverted to the telephone number you set.
In this mode, monitor will shut down when GSM diverts successfully.
The monitor still can do the operation of monitoring, talking and unlocking

- 3 - Divert simultaneously. Calls from the door station will be diverted to your telephone immediately. In this mode, the monitor will rings with video, telephone will ring as well. If monitor answers the call, GSM will stop diverting and telephone will stop ringing

5.Operation Instructions

Function	Description
Unlocking	• Input 1# on your telephone or mobile phone to release the first lock • Input 2# on you telephone or mobile phone to release the second lock
Hanging up	• Input 9# on your telephone or mobile phone to hang up • Maximum time untill disconnection is 5 minutes
Calling next telephone number	• 1: Second telephone number must be programmed on monitor • 2:If first number on the list did not answer the call, GSM will dial next number
Calling extention	• Add a letter "P" between main telephone number and extention telephone number and GSM will call the extention telephone

6.Wiring

7.Specifications

Power input: DC 20~28Vdc (supplied by power supply)
Power Consumption: Standby:60mA;working:500mA
Working temperature: -10ºC +40ºC
Wiring: 2-wire, No-polarity
Dimension: 90(H)X72(W)X60(D)mm

The design and specifications can be changed without notice to the user. Right to interpret and copyright of this manual are preserved