DTS Icom2
GSM Intercom
Operating Instruction Manual

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Main features

- Two station GSM Intercom with simple single button calling.
- Auto 60 second call hang-up with 10 second beep warning.
- DTFM gate opening by call recipient (Press 9 on phone keypad).
- Missed call Access control of up to 500 registered users.
- Gate alarm SMS to programmed recipients.
- Optional 7 day activity log reporting.
- Compatible with most GSM networks (Quad band).
- Operates from an 8 to 32VDC supply (Battery backup recommended).
- Vandal resistant & weather proof stainless steel housing (IP53).

Technical Specifications

Quad-band	850/900/1800/1900MHz
GPRS Multi-slot Class	12'1~12 configurable
GPRS Mobile station	Class B
Compliant to GSM	Class 4
Phase 2/2+	(2W @ 850/900MHz)
	Class1
	(1W @ 1800/1900MHz)
Speaker	8ohm, 60mm Dia., (Waterproof Cone)
Audio	870mW RMS (1% Distortion)
Microphone	10mm Dia., Electret (Echo cancellation)
Supply voltage range	8.0 t0 32VDC (12/24V nominal)
Operation temperature	-10ºC to +60ºC
Dimensions	115Width x 180Height x 100mmDepth
Mounting	Wall or Gooseneck pole

Visitor Operation

1. Momently press button 1 or 2 to call the labelled name/number. The call will be limited to 60 seconds with a 10 second warning beep prior to the call ending. The call recipient can communicate with the caller using any handset and can open the gate during the call by pressing the phones number 9 key. Note that if the call is not answered within 20 seconds the alternate button 1 or 2 telephone number is dialled.
2. The call recipient number is programmed as recipient 1 for button 1 and recipient 2 for button 2. Button 1 alternate will be Recipient 4 and button 2 alternate will be Recipient 5. Recipient programming is accomplished by using the free "My Icom" internet portal or by SMS commands.
3. Permanent or temporary gate access control for up to 500 users can be setup using the free "My Icom" internet portal or by SMS commands (See the Icom2 programming information under "Downloads" on the Icom2 Portal)
4. User configurable location and alarm messages together with status and activity logging modes are setup using the internet portal.
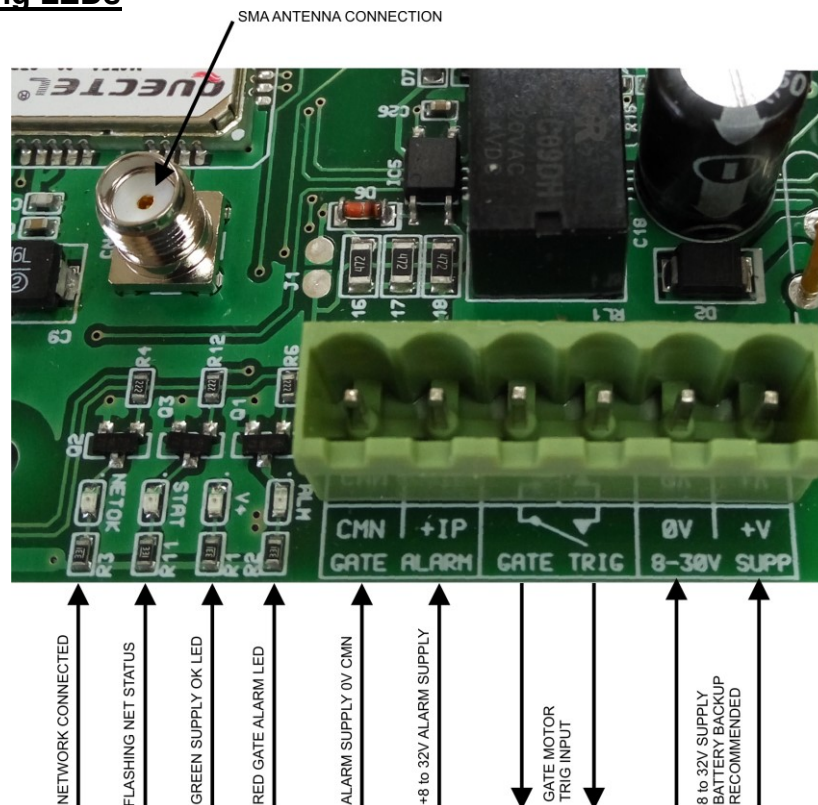
 Scan for SMS Programming Codes

Resident Operation

1. Up to 500 permanent and temporary access names and telephone numbers can be registered with the Icom2 system for time and day limited or unlimited access. A registered resident or employee can open the gate by calling the Icom2 unit. The call will not be answered and hang up on the first ring *(as the call is not answered the operation is free)*.

2. The gate alarm input can be configured to send a customised SMS alarm or warning message to up to 4 recipient numbers.

3. All device configuration and access list maintenance can be performed by using the free "My Icom" portal at www.gcom500.co.za or by sending SMS command messages. Note that any data entered or changed on the "My Gcom" manager portal will overwrite any SMS entries; it is for this reason that we recommend using the portal only for devices with more than 20 users. A list of SMS configuration and programming commands can be found under "Downloads on the "My Icom" portal.

Installation

To avoid problems cause by static discharge <u>the intercom unit should be well earthed</u>. To be effective, earth connections should be made with a minimum 2.5mm² copper wire to a ground point within 3 meters of the intercom. The ground point must be at an electrical panel, a metallic cold water pipe that runs in the earth, or a grounding rod driven at least 2 meters into the soil. A gooseneck mounting post anchored in concrete <u>does not</u> make a good ground. To allow for installation and maintenance the intercoms "tamper alarm" is armed on the 1st push button operation.
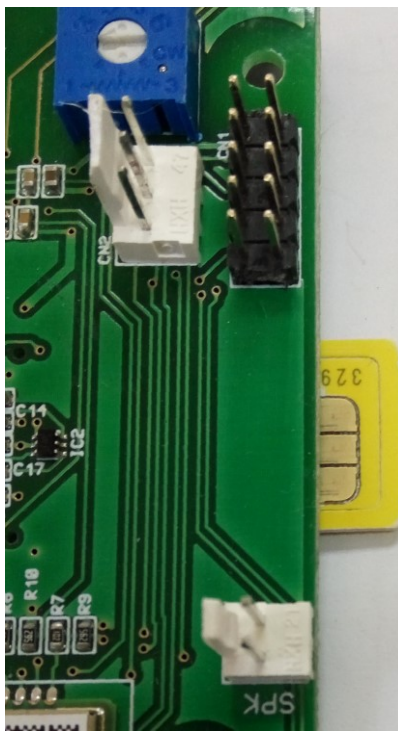

Wiring & Indicating LEDs

Antenna Connection

The Icom is supplied with a weather proof blade antenna with 1.5 meters of cable. To avoid DTMA noise *(buzzing sound on audio)* the antenna should me mounted outside of the steel enclosure and at least 1 meter away *(possibly low down on the rear of the gooseneck)*. Do not coil up loose antenna cable inside the housing.

Push-Push SIM Card Location

Icom2 Warrantee

- All goods manufactured by DTS Security Products carry a 24 month factory warranty from date of invoice.
- All goods are warranted to be free from faulty components and manufacture. Faulty goods will be repaired or replaced at the sole discretion of DTS Security Products, free of charge.
- This warranty is subject to the goods being returned to the premises of DTS Security Products.
- This warranty excludes lightning damage, insect damage and damage caused by faulty installation.
- In the event of the goods being supplied by dealer, merchant, agent or duly appointed installer of DTS Security Products, the claim must be directed to that supplier.
- The carriage of goods is for the customer's account.
- This warranty is only valid if the correct installation and application of goods, as laid out in the applicable documentation accompanying said goods, is adhered to.
- All warranty claims must be accompanied by the original invoice.
- The liability of DTS Security Products and / or their distributors is limited as herein set out by DTS Security