smx

RDC™
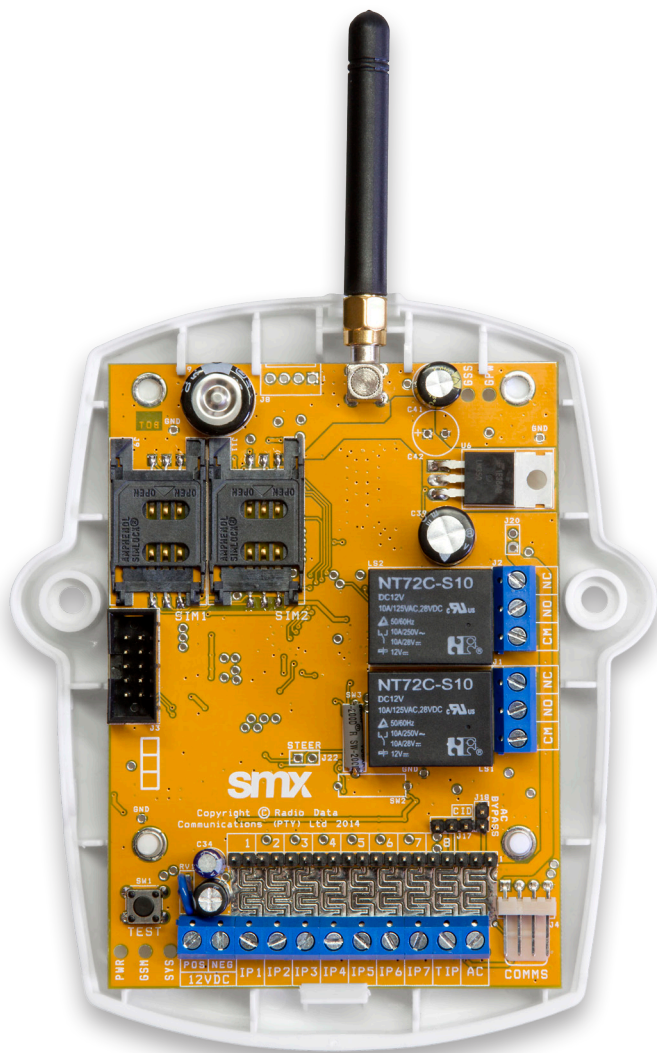
smx + more

More inputs - 7

More recipient numbers - 10

More base stations - 4

More timers - 64

More functions

- DSC panel controls
- SMS command shortcuts
- Advanced "if-this-then-that" functions
- Unit programming access protection
- Intuitive message distribution

New I/O expander module

New programming software

DSC

Connect serially to a DSC alarm panel to arm and disarm by SMS command.
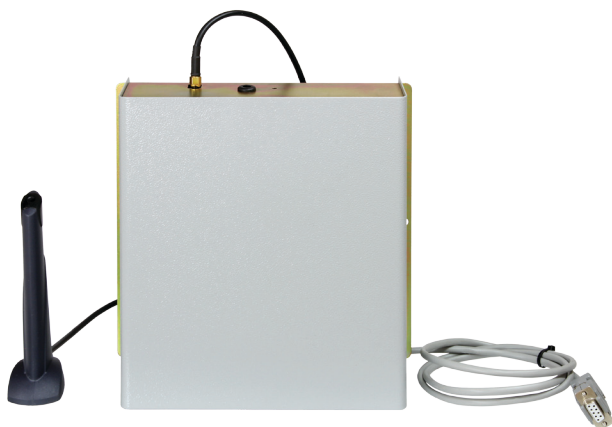
ifthisthenthat

The internet of things is here.
Send commands from one device to another to perform complex functions.

turboCID

Speed up Contact ID reporting without compromising compatibility.

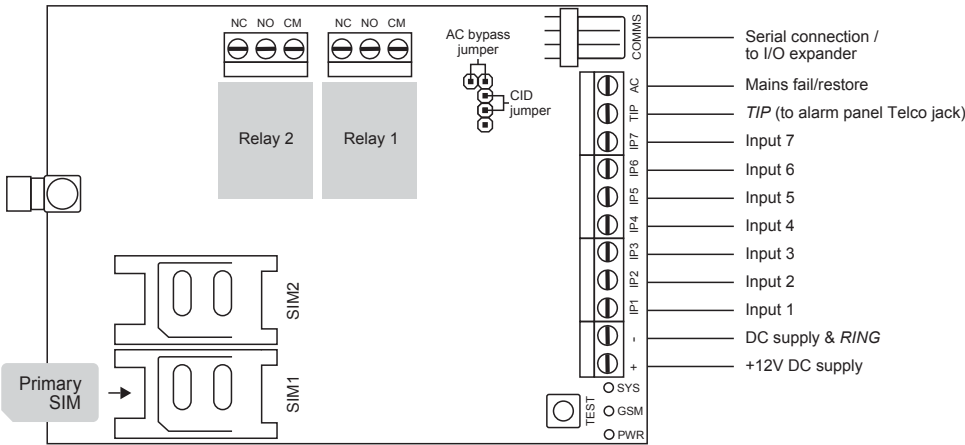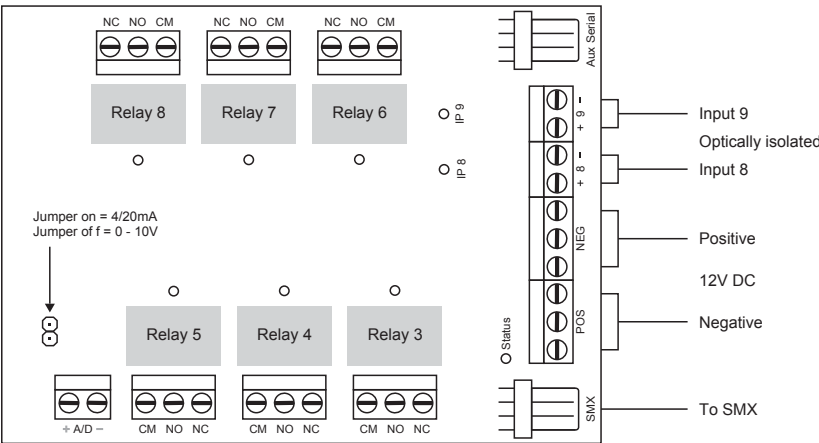## + Bases

Send messages to up to 4 base stations

+ Packs

Available as a panic pack or power pack for load shedding conditions
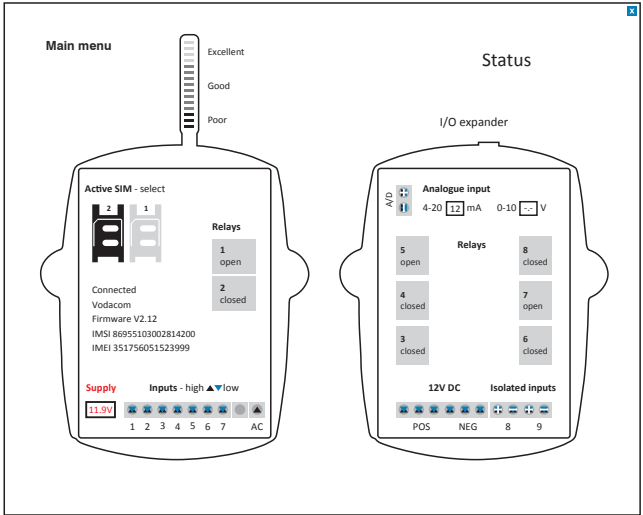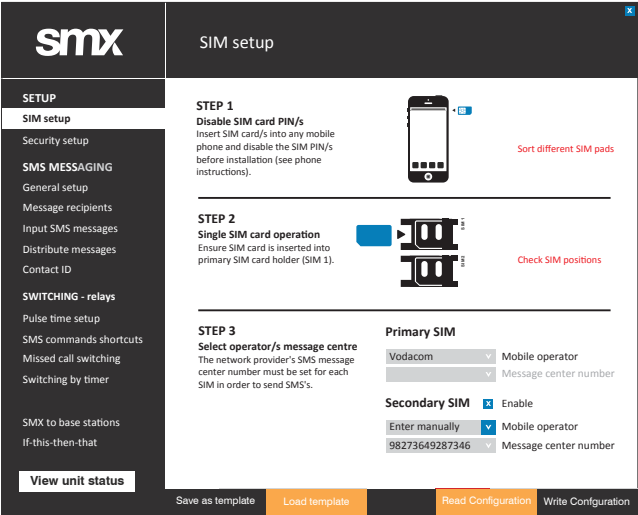
+ More inputs and outputs

NC NO CM NC NO CM

AC bypass jumper

CID jumper

Relay 2 Relay 1

SIM2

Primary SIM

SIM1

TEST

COMMS — Serial connection / to I/O expander
AC — Mains fail/restore
TIP — *TIP* (to alarm panel Telco jack)
IP7 — Input 7
IP6 — Input 6
IP5 — Input 5
IP4 — Input 4
IP3 — Input 3
IP2 — Input 2
IP1 — Input 1
– — DC supply & *RING*
+ — +12V DC supply

○ SYS
○ GSM
○ PWR

+ I/O expander module

NC NO CM NC NO CM NC NO CM

Aux Serial

Relay 8 Relay 7 Relay 6

○ IP 9
○ IP 8

Jumper on = 4/20mA
Jumper of f = 0 - 10V

Relay 5 Relay 4 Relay 3

○ Status

+ A/D –   CM NO NC   CM NO NC   CM NO NC

9 — Input 9
  — Optically isolated
8 — Input 8

NEG — Positive
  — 12V DC
POS — Negative

SMX — To SMX

+ New intuitive software

Intuitive unit status screen

smx

SETUP
SIM setup
Security setup

SMS MESSAGING
General setup
Message recipients
Input SMS messages
Distribute messages
Contact ID

SWITCHING - relays
Pulse time setup
SMS commands shortcuts
Missed call switching
Switching by timer

SMX to base stations
If-this-then-that

View unit status

SIM setup

STEP 1
Disable SIM card PIN/s
Insert SIM card/s into any mobile phone and disable the SIM PIN/s before installation (see phone instructions).

Sort different SIM pads

STEP 2
Single SIM card operation
Ensure SIM card is inserted into primary SIM card holder (SIM 1).

Check SIM positions

STEP 3
Select operator/s message centre
The network provider's SMS message center number must be set for each SIM in order to send SMS's.

Primary SIM
Vodacom — Mobile operator
  — Message center number

Secondary SIM ☒ Enable
Enter manually ☑ Mobile operator
98273649287346 — Message center number

Save as template   Load template   Read Configuration   Write Confguration

Status

Main menu

Excellent
Good
Poor

I/O expander

Active SIM - select
2 1

Connected
Vodacom
Firmware V2.12
IMSI 86955103002814200
IMEI 351756051523999

Relays
1 open
2 closed

Supply
11.9V

Inputs - high ▲▼ low
1 2 3 4 5 6 7 AC

Analogue input
A/D   4-20 [12] mA   0-10 [..] V

Relays
5 open   8 closed
4 closed 7 open
3 closed 6 closed

12V DC   Isolated inputs
POS NEG   8   9

Specifications

GSM

Frequency bands	Dual band (GSM 900MHz/1800MHz)
Output power	Class 4 for EGSM900, Class 1 for GSM1800
Engine	BGS2-E/BGS2-W Cinterion

Power consumption

Standby	1.08Watt (0.09mA @ 12V)
Input voltage	9Vdc(min) to 25Vdc(max)

Physical

Dimensions	140mm (without antenna) x 100mm x 30mm
Mounting	2 x 4.7mm holes on the enclosure
Weight	165grams

Input and output specifications

Inputs	Positive trip	+2.7V to +30V
	Negative trip	-0.5V to +0.5V
Outputs	10A @ 250Vac max	
	10A @ 28Vdc max	

Input and output connections

Inputs	- 9 Hardwired screw terminal inputs (Input 9 shared with CID input)
	- 1 AC fail screw terminal input
	- TTL serial communications connector
	- Engineer test button
Outputs	- 2 Relay screw terminal outputs (CM, NO, NC)

Contact

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