

Universal 2G/3G communicator ET083

Cost-effective way to upgrade any intrusion alarm system

All necessary
communication
protocols

Easy
remote/local
configuration
and
maintenance



Remote firmware
over-the-air (FOTA)
update

Remote arm/disarm
by SMS and Call

What is ET083?

It's a universal cellular communicator which provides 2G/3G/IP connectivity to any intrusion alarm panel, reporting to alarm receiving centers while simultaneously keeping homeowners informed.



How ET083 works?

ET083 provides communication (GSM/GPRS, LAN) channels for any third party panel.

Monitors all data transmission channels. Transmits selected protocols to alarm receiving center. Simultaneously transmits signals to multiple alarm receiving center servers.

Expands existing panel with additional zones and PGMs and notifies home owner via SMS or voice call.

ET083 application areas



Third party panel
GSM/GPRS/LAN
communicator



End-user friendly
Remote arm/disarm of alarm
system and fully customizable
SMS notifications



Can be used in a
backup or primary
role adding 2G/3G,
SMS, ethernet
communication
methods



Remote reboot of the
"frozen" systems, such
as computer network
or a server

Main features

Remote firmware over-the-air (FOTA) update
2G/3G modem available in 3 different frequencies (EU/US/Multiband)
Configuration via USB cable, no external power source required
4 ways of communication: PSTN, GSM, GPRS (2G/3G), LAN
2 tamper switches: for enclosure opening and device detachment from the wall detection
5 phone users
Connection ways to panel: serial BUS interface, RING/TIP interface, PGMs
No re-configuration of old panel needed
Full remote configuration via GPRS or/and LAN;
Fully customizable SMS notifications
Basic/Advanced mode of connection to PSTN panel

Specifications

Phone users	up to 5 (system reports to 10 users by SMS/Call)
ARC communication methods	Up to 6
Backup communication methods to ARC	Up to 5
Alarm panel wiring	PSTN (RING/TIP terminals)
KeyBus or Serial data interface	KeyBus or Serial data interface
Supply voltage	10-24V 300mA max
Peak current	Up to 700mA
Current used in idle state	Up to 120mA
2G/3G modem frequency	EU-band model: 2G 900/1800MHz, 3G 900/2100MHz bands US-band model: 2G 850/1900MHz, 3G 850/1900MHz Multi-band model: 2G 850/900/1800/1900MHz, 3G 800/850/900/1900/2100MHz
Number of "low" level (negative) digital inputs	3
Allowable input values voltage	0... 1.45V; current: 0.8... 0.6mA
Number of outputs	3
Maximum commuting output values	3 x 30V; 50mA
Generated phone line values	Voltage: 48V; current: 25mA; impedance: 270Ω
Dial tone frequency of generated phone line	425 Hz
Dimensions	129x86x18mm (5.08x3.39x0.71in)
Operating temperature range	-20...+55 °C (-4... +131°F)
Humidity	0-90% RH @ 0... +40°C (0-90% RH @ +32... +104°F) (non-condensing)

