

Security Control Panel FLEXi SP3

FLEXi is a hybrid security control panel with on-board **WiFi** and **Cellular** or **Ethernet** connectivity. Unique feature set allows you to use this panel both in intrusion alarm and automation installations.



Old System Takeover

Replace any alarm panel without changing resistors in each sensor. In **TrikdisConfig** you can **set** what **resistor nominal** value is used with FLEXi. This saves a lot of time during a retro-fit installation.



Speed

Integrated **4G, WiFi** and Ethernet **allows to save precious seconds** in case of a break-in.

Fast connectivity also allows for **faster remote configuration and remote control**.



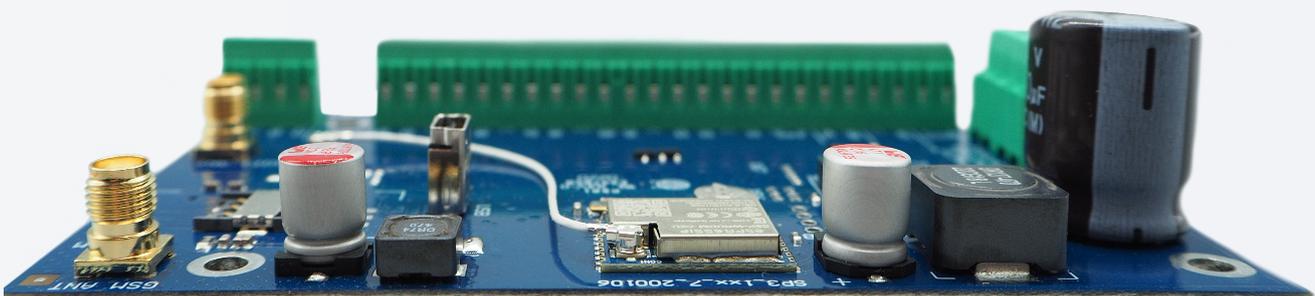
Cost Effective

Integrating the communicator into the alarm panel board allows to **save a lot in the final price**. WiFi allows to **save on cellular data** costs. Remote configuration allows to add users, change passwords and other settings without visiting the site.



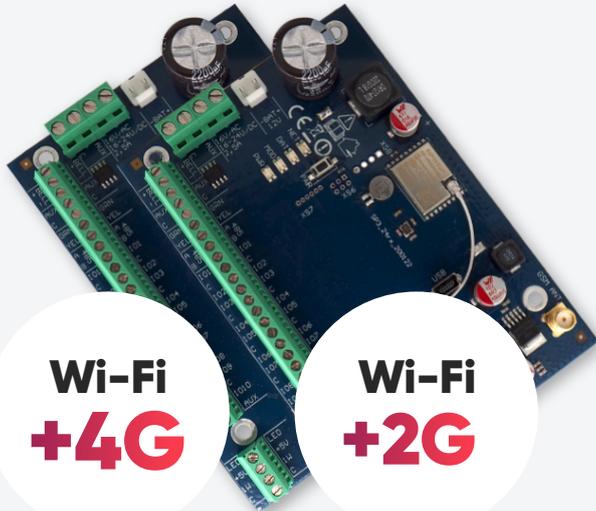
Adaptability

FLEXi expandable up to **32 zones** and up to **16 OUTs**. Also add additional **VHF/UHF** band radio or **SigFox** channel and achieve reliable **multi-path** communication.



Modifications

Tailored to individual cases, different connection requirements, and **meets different user needs** so you will make a great solution every time.

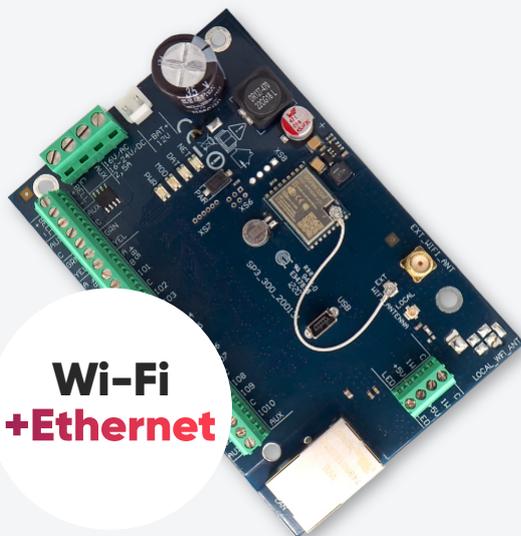


Wi-Fi
+4G

Wi-Fi
+2G

FLEXi can be ordered with **2G or 4G** modems.

WiFi should be used **as the primary channel**. If it stops working, connection will switch automatically to cellular.



Wi-Fi
+Ethernet

FLEXi makes it possible to use redundant Internet connection by connecting to networks of two independent communications providers: **the main — via WiFi, and the backup — via Ethernet**. If connection of one provider fails, the security panel will stay connected.



Wi-Fi

It is not **necessary to lay a IP cable for connection to the router**. The control panel is ready to operate straight out the box.



Wi-Fi



CELLULAR



VHF/UHF



ETHERNET



sigfox

Remote control

Offer your clients a **app** without investing in its development. This will increase the value and appeal of your company's security services.



Remote control and notifications via Protegeus app

Optional notifications:



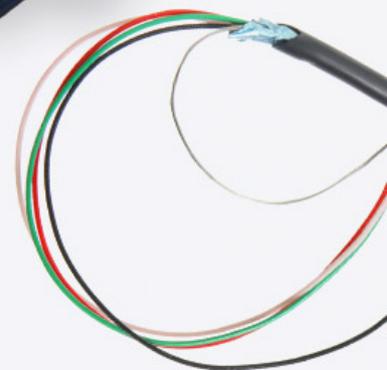
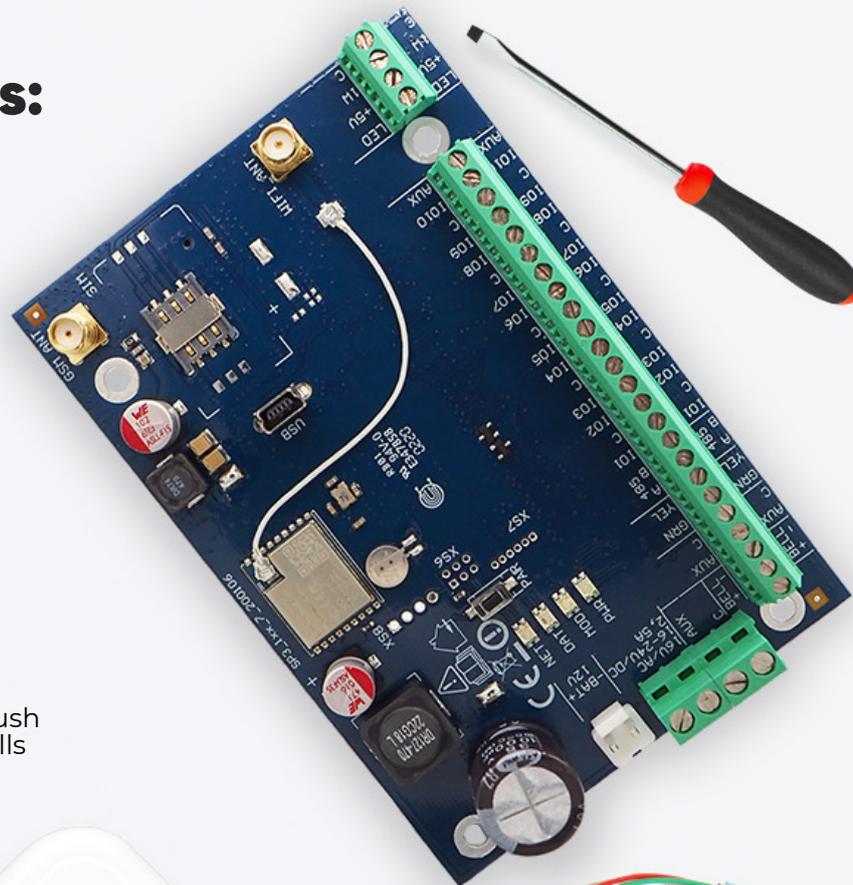
via SMS



via call



FLEXi can send multiple notifications: app push messages, SMS text messages and phone calls (working SIM card required).



FLEXi

SP3 control panel board

FLEXi SP3 control panel board

Wire for connecting battery

Resistor 2,2 k Ω

Plastic spacer (mounting parts)

Two antennas, cellular and Wi-Fi with 2,5 m long cables



FLEXi Kits

When it comes to new installations we have a decent approach to it. We prepared **FLEXi kits for fast and convenient installations**, all in one metal housing with carefully selected equipment for full FLEXi potential.



FLEXi SP3 control panel board, built into metal housing (200 x 210 x 80 mm)

Metal housing K02 with **Mean Well impulse power supply**

Resistor 2,2 k Ω

Two antennas, cellular and Wi-Fi with 2,5 m long cables

Wire for connecting battery

Has **tamper sensor**

Terminal block with **3,15 A fuse**



FLEXi SP3 control panel board, built into metal housing (285 x 280 x 80 mm)

Metal housing K01 with **40 VA transformer**

Resistor 2,2 k Ω

Two antennas, cellular and Wi-Fi with 2,5 m long cables

Wire for connecting battery

Has **tamper sensor**

Terminal block with **0,5 A fuse**

Compatible Keypads



SK232 LED W



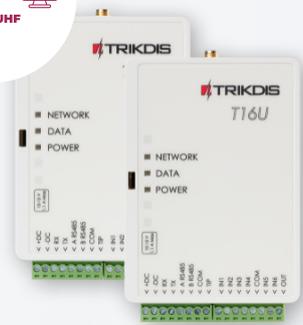
CR16 / CR-LCD / KP- Touch Screen



P ▲ R ▲ D O X

K636 / K10H(V) / K32 LED / K32+ LED / K35 / TM70 / TM 50

Compatible Devices



Communicator T16

Add additional radio channel for most secure communication to Central Monitoring Station.



Module SF485

Add additional communication channel through SigFox radio network

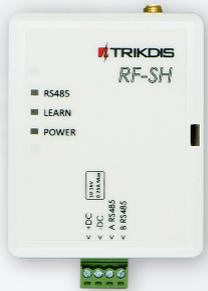


Expander iO8

With iO-8 **FLEXi** obtains **32 zones** and **16 OUTs**

Make it Wireless

With RF-SH module **FLEXi** can easily connect to **Crow's wireless security sensors**



Shepherd series

SH-Sirint / SH-KP / SH-PIR / SH-MAG / SH-FLOOD / SH-CRT / SH-SMK / SH-GBD



Freewave2 series

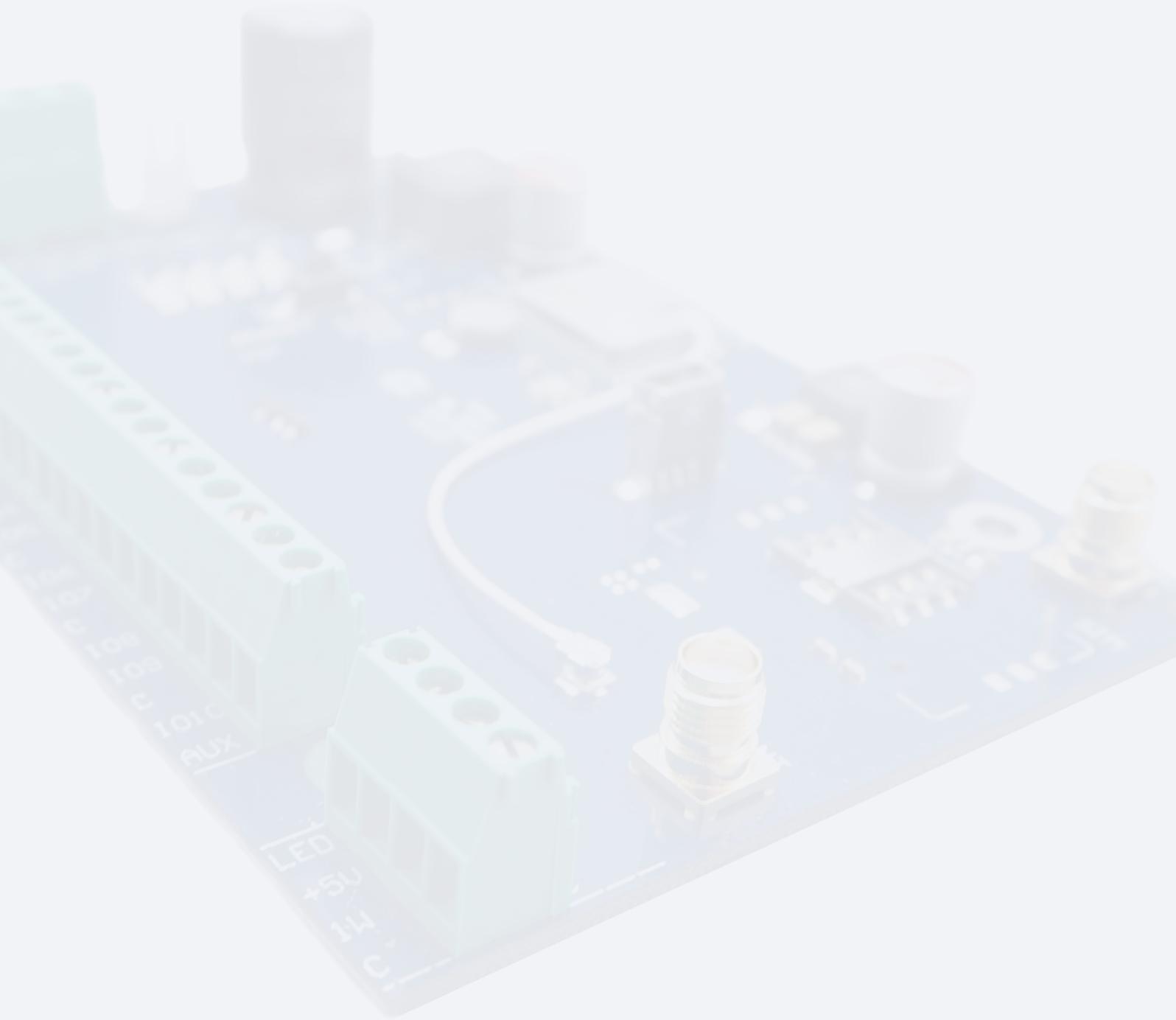
FW2-Panic N / FW2-Remote N / FW2-GBD N / FW2-EDS3000AM N with Anti-Masking / FW2-Neo N / FW2-Mag N / FW2-Flood N / FW2-Curtain N / FW2-Smoke N



Power supply	16-24 V, 2,5 A AC
Current consumption	Up to 50 mA (stand-by), Up to 200 mA (short-term, while sending)
WiFi frequency, protocol, encryption	2,4 GHz, 802.11 b/g/n, WPA, WPA2, WPA mixed
WiFi network configuration	DHCP or manual
SIM card	1, NANO size
GSM/GPRS modem	Quad-band
4G modem	4G (LTE-FDD) with migration to 3G (WCDMA) and 2G (GSM/EDGE) feature
Ethernet port	RJ-45 connector
Event transmission directions	- To main and backup receivers of 2 different security companies; - iOS/Android Protegus mobiliąsias programas; - To 8 mobile phones via SMS messages. - Calls to 8 mobile phones. Vocal event notification
Event transmission channels	2G or 4G, WiFi, LAN (with module E485), SMS, Voice call, VHF/ UHF radio (with transmitter T16)
Programmable communication channel/direction priority	Yes
Pranešimų šifravimas	TRK AES 128, SIA IP AES 128 / Contact ID codes
Internal clock	Yes
Events log memory	1000 entries, oldest deleted automatically.
User codes	40
Duress code	Yes
No. of partitions	8
No. of zones	10 (20 if set ATZ), expandable up to 32 with expanders
No. of PGM outputs	2 (12 if IO terminals are set as OUT) Expandable to 16 with expanders
No. of keypads	8
No. of RFID readers	2 (Wiegand 26/34)
No. of compatible temperature sensors	8
No. of compatible electronic (iButton) keys	40
Compatible wireless systems	Crow Shepherd, Freewave2 via extra add-on RF module
Operating environment	Temperature from -10 °C to +50 °C, relative humidity 80%, at +20 °C, no condensation.

FLEXi

Adaptable Security Panel
SP3



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