

> **Nexgen TD-1** 1 loop expandable to 9 addressable fire alarm control panel



**HARDWARE features**

- 32 bit microprocessor addressable control panel
- 1 loop addressable with digital protocol configured as open or close.
- Expandable up to 9 loops
- 240 addressable devices each loop.
- Graphic touch screen display (480x272 TFT 4.3")
- Loop short circuit protection.
- 14 front LEDs
- 1 monitored output for siren or dialer (24Vdc 1A)
- general form C output 1A 30Vdc 120 Vac
- 1 general open collector output
- 1 RS 485 line for peripherals
- 1 RS 232/micro USB for programming or monitoring station
- Programmable colored side led
- 1 Ethernet 10 Mbit/s management card (OPTIONAL board PTLAN)
- 56 area led. (OPTIONAL board ONE 56)
- 1 Extinguishing channel (OPTIONAL board ONE EXT)
- 1 redundancy management card (OPTIONAL board ONE RDD)
- Management of network between fire panels (OPTIONAL board ONE RING)
- Batteries capacity: 2 x 17Ah with EN54-4 charger management
- Monitored aux power supply output 24 Vdc 500mA with short protection
- Dimensions: 410x410x120 mm
- Power Supply: 230Vac

**Software features**

- Up to 240 addressable devices for loop
- Hybrid fire panel for wired or wireless detectors
- Up to 192 independent detection zones
- 192 logic functions
- Achival more than 10000 events via pendrive
- Auto programming analog loops
- Auto addressing analog loops
- Devices Mapping .
- Connection with control panels using a fault tolerant network
- Multiple language management
- Fully customizable with personal logo, color , touch screen and multicolored side LEDs
- Management detectors and analog modules of different types:
  - Thermal and optical detectors mixed
  - Input Modules
  - Output Modules
  - Addressable call points
  - Addressable sirens
- Multiprotocol
- Selectable colored LEDs
- Programmable locally or remotely via dedicated software on serial or LAN / WAN
- Multiprotocol Teledata Apollo and Wizmart
- MODBUS RTU Protocol (OPTIONAL board MCGTWMDB)
- Product certified to EN54-2 and EN54-4 standards