



## DIGIcontrol-FC3802

- VDS compliant integrated security & building controller
- Redundant dual 32Bit CPU with 16MB Flash & 32MB RAM
- Dual Ethernet TCP/IP next generation building control
- DIGIcontrol-3000 building control Software
- Large LCD-Display with Keypad, LED's & safety lock
- 8 IBB bus or 4 loops interfaces for up to 120 devices
- 50 out of 2000 zones with up to 1000 alarm points
- Access controller for up to 50 doors & 15000 Cards
- Lighting controller for up to 200 of 10.000 light circuits
- Intercom, video & sound on demand controller
- 180VA power supply & battery management
- Temperature-controlled battery space for 2 x 12V/72Ah
- Optional SMS/GPRS & Modem interface

# DIGIcontrol-FC3802

TCP/IP Ethernet is the new standard for security and building control systems. DIGIcontrol-FC3802 multi-application building & security controller is another milestone in integrated security systems for large projects.

Through its forward-looking concept, it combines alarm & intrusion, access, light & temperature control, intercom & video surveillance, sound on demand control and many more functions of modern building and security technology in one device. It reduces your energy consumption by up to 30% and saves up 70% off cabling and installation costs.

System scalability and use of standard Ethernet infrastructure ensures flexible configuration and expansion capability of up to 1000 floor controllers in one system. A built in high performance 256bit AES communication encryption makes it to the securest controller worldwide.

The multi-lingual DIGIcontrol-3000 security and building automation software, is an advanced development of the famous DIGIcontrol-2000 SW. It supports all FC3802 integrated security and building automation functions in a level of performance and a simplicity-of-use which is unmatched by anything else in its class.

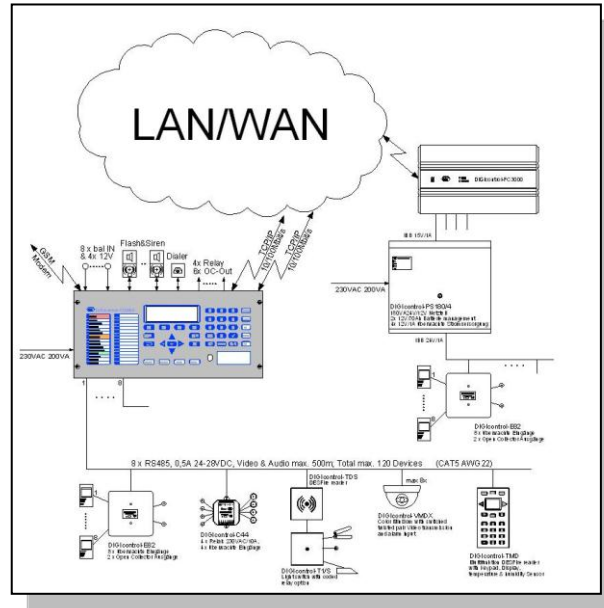
Two 32Bit ARM CPU's with each 16MB flash & 32MB RAM, CMOS-clock, 10/100Mbit Ethernet interface and 3 serial ports supports following important functions:

- Hot standby function with mirrored data structure
- Interface for display & keypad control
- 120 devices on up to eight 24V IBB lines or 4 loops each with electronic fuses & protection supporting a max. CAT-5 cable length of 500m
- 50 of 2.000 Access areas and 15.000 cards
- 100 time structures for access, door function ...
- 200 of 10.000 light circuits and 50 light programs
- 50 of 2.000 alarm areas in one of 2000 groups
- 400 regulation modules
- 32 local switching cameras
- 16 local Video door entry phones
- Direct interaction with ATS digital Video recorder
- Optional GPS/GPRS & modem communication with audio matrix & voice memory
- Optional video matrix to IP interface for visual alarm verification

The DIGIcontrol-FC3802 features already a lot of alarm in and outputs, a dialler interface and supervised outputs for external sounders in the basic configuration. Further alarm interface devices can be connected to the internal expansion bus or to any of the eight IBB, to support a maximum of 1000 alarm points in up to 50 alarm areas per Floorcontroller.

The power supply features a 110-230V/180VA switched power supply with battery management and space for two 12V/72Ah battery. An automatic test cycle will report battery quality and give a pre alarm if battery has reached end of lifetime.

# Multi-application controller



### Technical Data:

- 2x 32 Bit ARM-CPU with each 16MB Flash & 32MB-RAM, CMOS clock w. Lithium battery
- 10/100Mbit Ethernet interface, 1x RS232 for diagnostic
- 1x 56kB serial communication with bus multiplexor to 8x RS485 IBB lines with separate protection and 24VDC/0,5A power output & line power monitoring each
- 8x supervised inputs with 4x 12V/220mA switched power
- 4x Relay out max 30V/2A, 6x OC output 24V/120mA max.
- 1x tamper switch,
- 1x monitored battery siren control
- 2x monitored siren & flash light control
- 1x dialler interface with feedback control
- 1x interface for GSM/Modem & audio matrix Option
- 1x interface for video matrix to IP Option
- Power supply: 180VA 110-250VAC / 24V DC 7,5A temperature controlled battery charging and management logic, battery quality monitoring,
- Dimensions (overall): 19" 5HE Rack mount box L=500mm
- Temperature range: -10° to +45°C
- Delivery: DIGIcontrol-FC3802 complete with configuration SW, installation & wiring instructions.

### Variants:

**DIGIcontrol-FC3800**  
As DIGIcontrol-FC3802 but without redundant CPU

### Options:

- DIGIcontrol-BAL**  
Fire loop interface for up to 126 Apollo fire detectors
- DIGIcontrol-EIO**  
Internal I/O expansion card with 16x monitored in & switched 12V power, 4x OC-Out, 2x Relay with feedback.
- DIGIcontrol-ESM**  
GSM and Modem option with audio matrix and voice memory
- DIGIcontrol-UID**  
Additional UID verification for up to 15000 Cards

Information contained in this document is correct at the time of publication (08-03-14) is subject to change without notice.

