Network   Multi application controller

DIGIcontrol-FC3202/3252

- Integrated building and security controller
- Access / Alarm controller for 2 Areas expandable to 5
- Ethernet TCP/IP next generation building control
- DIGIcontrol-3000 building control Software
- Up to 1000 FC's in a wide area network
- One IBB bus interface for up to 20 devices
- 2 out of 2000 zones with up to 40 alarm points
- 2 Relays outputs and 4 monitored alarm inputs
- Access controller for up to 2(5) Areas & 15000 Cards
- Lighting controller for up to 6(15) of 10.000 light circuits
- 24V/60VA 230VAC power supply
- Battery management (FC3252)
- Continuous 24V bus voltage even on battery mode (FC3252)

DIGIcontrol-FC3202

Multi application controller

DIGIcontrol-FC3202 multi-application building & security controller was designed to fit the need of a small 2 areas TCP/IP access and building control. With optional licences it could be extended to a maximum of 5 areas.

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 from a single apartment to a skyscraper 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 world wide.

The multi-lingual DIGIcontrol-3000 security and building automation software is an advanced development of the famous DIGIcontrol-2000 SW. It supports all FC3000 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.

A powerful 32Bit microprocessor with 128MB flash memory, CMOS-clock, 10/100Mbit Ethernet interface and 1 serial ports supports following important functions:

- 20 devices on the IBB line
- 2 of 2.000 access areas and 15.000 cards
- 100 time structures for access, door function …
- 6 of 10.000 light circuits and 5 light programs
- 2 of 2.000 alarm areas in four of 2000 groups
- 16 regulation modules
- 1 local Video door entry phone
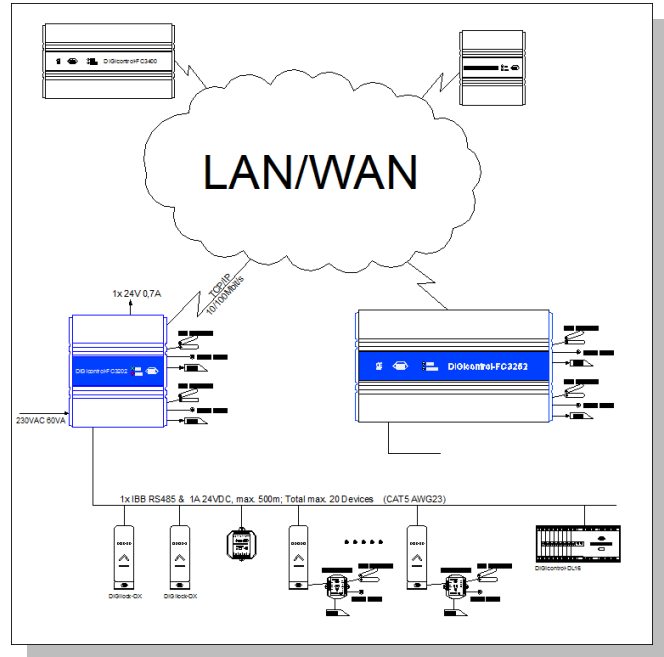- direct interaction with ATS digital Video recorder

An RS485 supervised data and power bus with 1A/24VDC power enables connection of up to 20 devices in total. The protected bus line supports a CAT-5 cable with a maximum length of 500m.

4 supervised inputs to connect sensors, door contacts or light inputs. Further alarm interface devices can be connected over the RS485 IBB network to support a maximum of 40 alarm points in up to 2 (optional 5) alarm areas per FC3202. Two relay outputs for door lock control. An opto input could be configured for emergency door lock release loop.

The unit includes a high efficiency 230V/60VA 24VDC switched power supply for the unit, door lock, extension modules and locally connected alarm peripheral.

DIGIcontrol-FC3252 includes an additional battery management and space for a 12V/7Ah battery, for continuous 24VDC in case off power fail,

Technical Data:

32 Bit 400MHz i.MX27 ARM9CPU and Lithium battery CMOS clock;
64MB SDRAM, 128MB NAND Flash memory
10/100Mbit Ethernet interface,
1x 56kB serial communication RS485 IBB line with electronic fuse 1A 24VDC and line power monitoring
1x RS232 for diagnostic
4x supervised alarm inputs
1x tamper switch
1x opto input
2x Relay out max 30V/0.5A
Power supply: 110-250VAC 60 VA
  DC Output: 24V DC 2,5A max.
Dimensions (overall): 150 x 175 x 77 mm
Temperature range: -10° to +45°C

Delivery:
DIGIcontrol-FC3202 complete with DIGIcontrol-3000 software licence, installation & wiring instructions.

Variants:

DIGIcontrol-FC3252
As DIGIcontrol-FC3202 but with battery management and larger box for battery (307 x 175 x 77 mm)

Options:

DIGIcontrol-UID
Additional UID verification for up to 15000 Cards

DIGIcontrol-FC1
Additional alarm & access area option.
max. 3 DIGIcontrol-FC1 options per FC3202

Austrian Technical Systems

ATS