



## Product Datasheet

### MT8001

### Management Terminal

DMS8000  
MP4.30

- Centralisation and management of safety and security control systems
- Specialised interface designed for rapid and accurate handling of events in emergency situations
- Highly reliable wall mountable unit
- User-friendly, intuitive, touch-screen interface
- Ergonomically designed
- Quick and easy to set up
- Windows CE operating system
- Bright 10.4" TFT colour display
- Compliant with local quality assurance standards

The MT8001 Management Terminal was designed to provide an easy-to-use point of access to part of a security network or to an entire network. Whether the security network is limited to a single floor, or an entire building, the MT8001 allows you to monitor and control any area or device within the system from one place. The MT8001 provides management station functionality in a wall or desk-mountable cabinet.

The system structure is based on up-to-date market standards in the areas of hardware and software technology. Terminal access is controlled by passwords based on a user-profile mechanism.

## Specialised Operator Interface

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The MT8001 was designed specifically for safety and security applications and uses a simple and intuitive touch screen interface. The main menu provides access to the following utilities:

- Event browser
- Plant browser
- History browser
- Macro commands

### Event browser

The main screen of the event browser contains a list of the events that have occurred and are still open. Events are listed in order of severity from top to bottom and are colour coded by type.

**Note:** For MT8001 Management Terminals configured for EN54 or ULC mode, the Event list order and icons differ somewhat from the standard graphic user interface (GUI).

– See the *MT8001 Operation Manual (STEP #A6V10096185)* for details.

*Dynamic graphic support!* MT8001 can be configured so that when an operator selects an event from the Event list, he can then display a floor plan indicating the location of the event. For example, if the event is a fire alarm, a flashing red symbol representing the corresponding smoke detector is displayed in the relevant room.

### Plant browser

This utility provides a hierarchical tree-view of the installation. It offers an easy-to-use method of selecting individual objects to perform the following types of tasks:

- Turning a zone (or section) off or on (exclude or include)
- Putting a zone (or section) into 'test' mode

### History browser

The history browser provides access to the record of each event that has occurred, including details such as what treatment procedures were followed, when, and by whom.

### Macro commands

Macro commands can be defined to rationalise frequently performed, complex, or time-consuming operations. These commands are customised for each operator and are linked to the user-profile.

The MT8001 Management Terminal may be used either as a stand-alone system, or as part of a larger decentralised network configuration.

The MT8001 supports communication to locally distributed field units via a direct serial connection, Cerloop, or an NK8223/NK8225 or an NK8235 to allow common support for subsystems handling various disciplines.

**The following subsystems are supported for direct connectivity via ISO1745 interface protocol:**

- CS11 AlgoRex, FC700A

**The following subsystems are supported on the Cerloop network:**

- CS11 AlgoRex fire detection systems
- CZ10 fire detection systems
- CS440 intrusion detection systems
- CC60 gas detection systems
- MF7033/MM7033 Mux/Demux systems
- STT11 (Système de Télécommande et Télésignalisation)

**Note:** Up to four data acquisition devices (MT8001, MM8000, MF7033, etc.) can be connected to the Cerloop.

**The following subsystems are supported via an NK8223/25 or NK8235:**

- CS11 AlgoRex, FC700A fire detection systems
- CZ10 fire detection systems
- XLS fire detection systems
- CS6 Guarto intrusion detection systems
- SI410/420 Intrunet intrusion detection systems
- CS440 intrusion detection systems
- CC60 gas detection systems
- MF7033/MM7033 Mux/Demux systems
- STT11 (Système de Télécommande et Télésignalisation)
- DF8000/CF9000 Input/Output systems

**Note:** Up to four CS6 Guarto panels are supported via NK8223/25. CS6 Guarto is not supported via NK8235.

## Technical data

Operating System	Windows CE		
Hardware Data	Display	10.4" TFT-Colour-display (640x480 pixels)	
	Touch screen		
	Processor	– A6E600300 (S24236-F35-A2-02 /S24236-F35-A2-07): ETX-mgx, 200 MHz or – S54461-C6-A1 (S24236-F35-A3-01): ETX-LX, 500 MHz	
	RAM	128 MB DRAM (expandable to 256MB)	
	Compact Flash Card	1GB	
	V24 (RS-232) Serial interface	4 (see communication lines for details)	
	TTY Serial interface	2	
	Power Supply	Input Voltage	24 VDC
Power		Max 16W	
Communication Lines	1 x RS232	COM1	Service access (configuration download)
	2 x RS232	COM3/COM4	Subsystem (or printer) connection
	2 x TTY	COM5/COM6	
Supported Subsystems*	CS11 AlgoRex EP5 and EP7	Via direct serial connection (ISO1745), Cerloop or NK8223/25, NK8235	
	FC700A	Via direct serial connection (ISO1745), or NK8223/25, NK8235	
	CZ10, CS440, CC60	Via Cerloop or NK8223/25, NK8235	
	MF7033/MM7033, STT11	Via Cerloop	
	XLS, SI410/420 Intrunet (max.3), DF8000/CF9000	Via NK8223/25, NK8235	
	CS6 Guarto (max.4)	Via NK8223/25	
	Max. number of supported physical devices	10,000	
Supported Protocols	ISO1745/RS232		
	CMSDL		
	FSI		
Operating Conditions	Temperature range	-5° to 40°C	
	Humidity	10 to 95% non-condensing	
Protection class	IP30		
Dimensions	W x H x D in mm	424 x 200 x 64 (allow additional 15mm depth for cabling)	
	Weight	3,8 Kilograms	

\* For a complete list of subsystem versions supported, see *MT8001 Release Notes* (STEP #A6V10065354).

## Ordering

Please contact your local supplier.

## Export restrictions for cryptographic algorithms

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The MT8001 Management Terminal includes devices and software that make use of cryptographic algorithms. Specific cryptographic export control regulations apply that currently prohibit shipping and installing MT8001 software in the following countries:

- Cuba
- Iran
- North Korea
- Rwanda
- Sudan
- Syria

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