

561-MB100

Intruder Alarm Control Panel



Maximum security for all eventualities

The intruder alarm control panel 561-MB100 is designed for use in private and commercial buildings and is highly suitable for setting up medium to large-sized security systems.

It complies with the guidelines of the VdS Security Class C as well as the German Electrical Standards 0833.

The standard version has the following performance features:

- 1 block lock terminal
- 8 conventional detector group inputs
- 63 BUS-1 users connectable
- 64 BUS-2 users connectable
- 512 detector groups programmable
- Integrated, monitored alarm signalling device terminals

A total of 512 detector groups can be realised with the corresponding modules as well as BUS-1 and BUS-2 users with a possibility of up to 56 conventional detector group inputs.

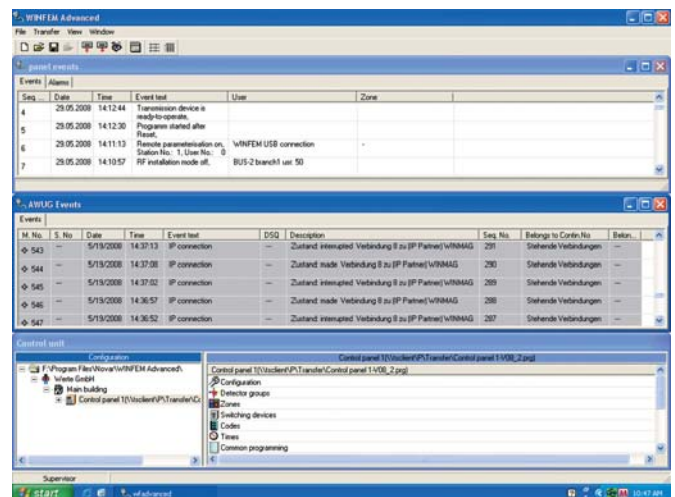
Of these, several detector group inputs and/or BUS users can be allocated to one detector group. This makes it possible to establish logical relationships of the individual detector groups to the object-specific circumstances without any problems.

Features

- Intruder alarm control panel with integrated access control according to VdS Class C
- Loop and stub bus technology for maximum operating reliability (max. 14 loops and 8 stubs or 36 stubs with max. 1015 bus users)
- Up to 16 main zones and 63 sub-zones
- Up to 64 arming devices as bus users
- 512 detector groups programmable
- 512 IDENT-KEY data carrier manageable
- 128 access codes
- Linkable to IGIS-LOOP network
- Remote control and remote parameterization
- Simple firmware update due to Flash-Memory
- Macro functions
- In conjunction with the MB RF-system up to 256 RF devices possible

Subsequent extension to maximum 16 main zones is also possible thanks to the modular structure. The detector groups can be divided among a max. of 64 zones.

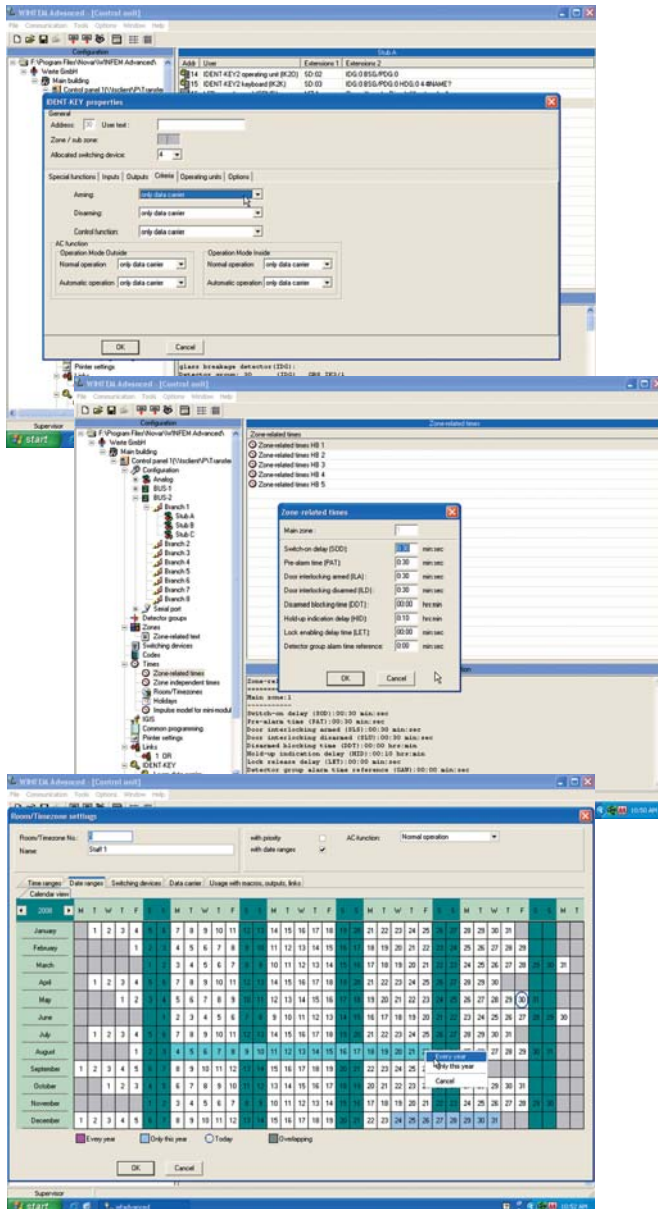
The control panel has an event memory for 22.000 events which can be displayed via LCD operating units and graphic operating units as well as the software WINFEM Advanced. The event memory can also be printed out directly via a connected printer or via WINFEM Advanced.



High-level programming

Complete programming of the control panel is done via a Windows PC/laptop using the parameterization software WINFEM Advanced. This software can be used not only for programming the control panel but also for backup of the programming in the WINFEM database or as a file. The programming files can also be used as base for other control panels and can be adapted object-related. This allows similar programming (e.g. control panels of a multiple shop) to be created comfortably and efficiently.

In connection with a transmission device, remote programming or remote operation is possible. Depending on the local conditions, transmission/communication can take place via the analog telephone network, the ISDN telephone network or an IGIS-LOOP network. For each specific application, optional solutions are available. When using a DS 7700 transmission device, remote programming/operation can also take place directly via a TCP/IP network.



Programming with WINFEM Advanced

Operation made easy

At the user level, different operating unit versions provide the optimum solution for each specific application. LED operating units for simpler operations and indications, LCD operating units for text-guided operation and simple programming of the control panel at the user level and graphic operating units for menu-guided operation.



Since the 561-MB100 is equipped with the option of changing the language for operating and display texts, it can also be widely used internationally. Many language versions have already been developed and implemented in the control panel.

The user software IQ SystemControl allows the user to carry out programming comfortably at the user level and master data management via a connected PC.

Access control functions

In conjunction with the components of the IDENT-KEY system, the control panel 561-MB100 provides extensive access control functions. Up to 512 IDENT-KEY data carriers can be managed by the control panel 561-MB100.

Every single data carrier can be allocated different access rights. The allocation of the IDENT-KEY data carriers to individual or several room/time zones allows very complex access right models to be created.

The range of functions of the 561-MB100 control panel goes from simple access rights at a door, access rights combined with the right to arm/disarm, to multiple person access control and the control of single entry access portal systems (personnel interlock, turnstile).

By coupling the control panel via the access control software IQ MultiAccess, it can be integrated into existing access control systems. IQ MultiAccess allows data carriers to be created and managed and individual rights to be allocated across several control panels and even different locations.

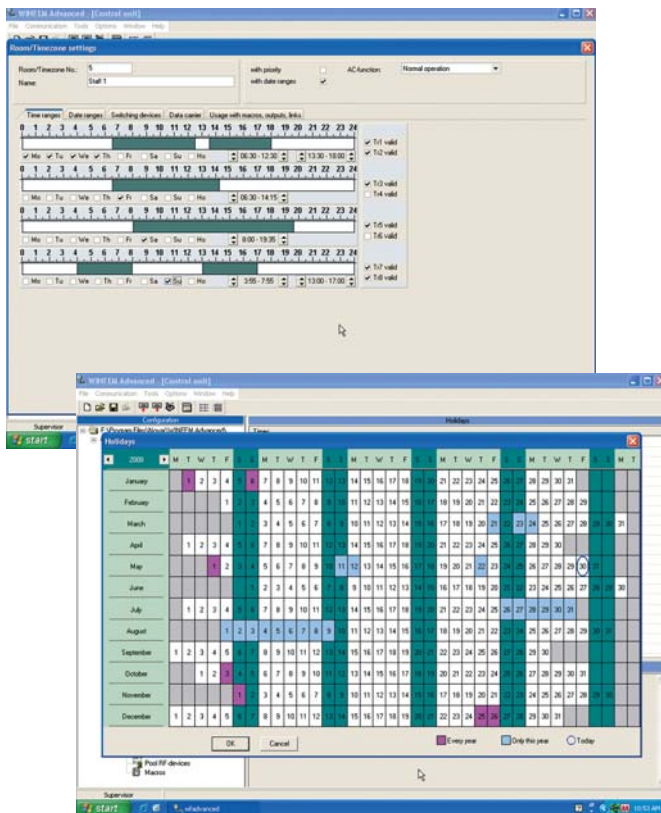
Macro functions/time control

Complex control tasks or the combination of several operating functions are easy to realise with the aid of so-called macros. The 561-MB100 has max. 100 of these macros. Instead of carrying out a series of time-consuming operations manually, it is possible to have the desired task carried out automatically using a single macro.

Typical applications of macros are:

- Automated execution of a complex series of operations
- Simplification of a repeated sequence of certain operating steps
- Combination of several operations to one operating step
- Acceleration of operations
- Automatic execution of control tasks

A macro can be activated either manually (e.g. by entering a code) or automatically (e.g. by activating a release criterion).



Creation of room/timezones and administration of holidays with WINFEM Advanced

Moreover, the 561-MB100 control panel is provided with room/time zone function, which can be compared to a highly complex and freely programmable timer. The room/time zone function allows you to implement up to 64 independent switching programs (room/time zones). The combination of room/time zones with the allocation of programmable outputs or switching devices and data carriers allow individual control tasks and time periods for disarming operations and/or access rights to be created.

The comfortable public holiday calendar function allows rights and control specifications to be suspended for certain days.

Modular extension

Modular extension has the advantage that the security system can be optimally adapted to the building conditions and also facilitates the subsequent extension of the system. The back panels of the individual housing types are designed so that modular extension is easy to realise.

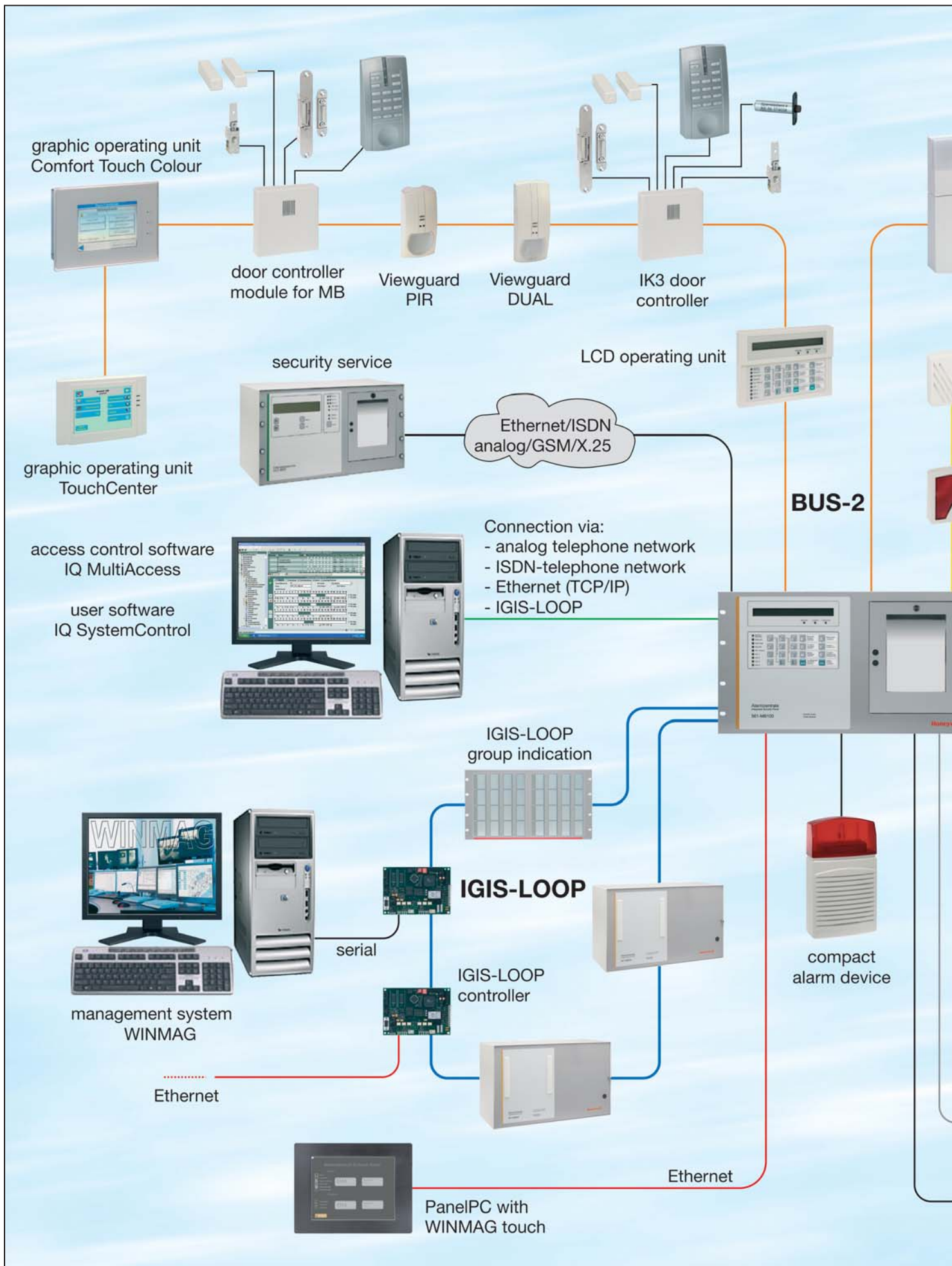
In connection with the different types of housings and the option of connecting additional devices such as printers, IGIS-LOOP interfaces, transmission devices and larger power supplies, an individual solution can be provided for each requirement.

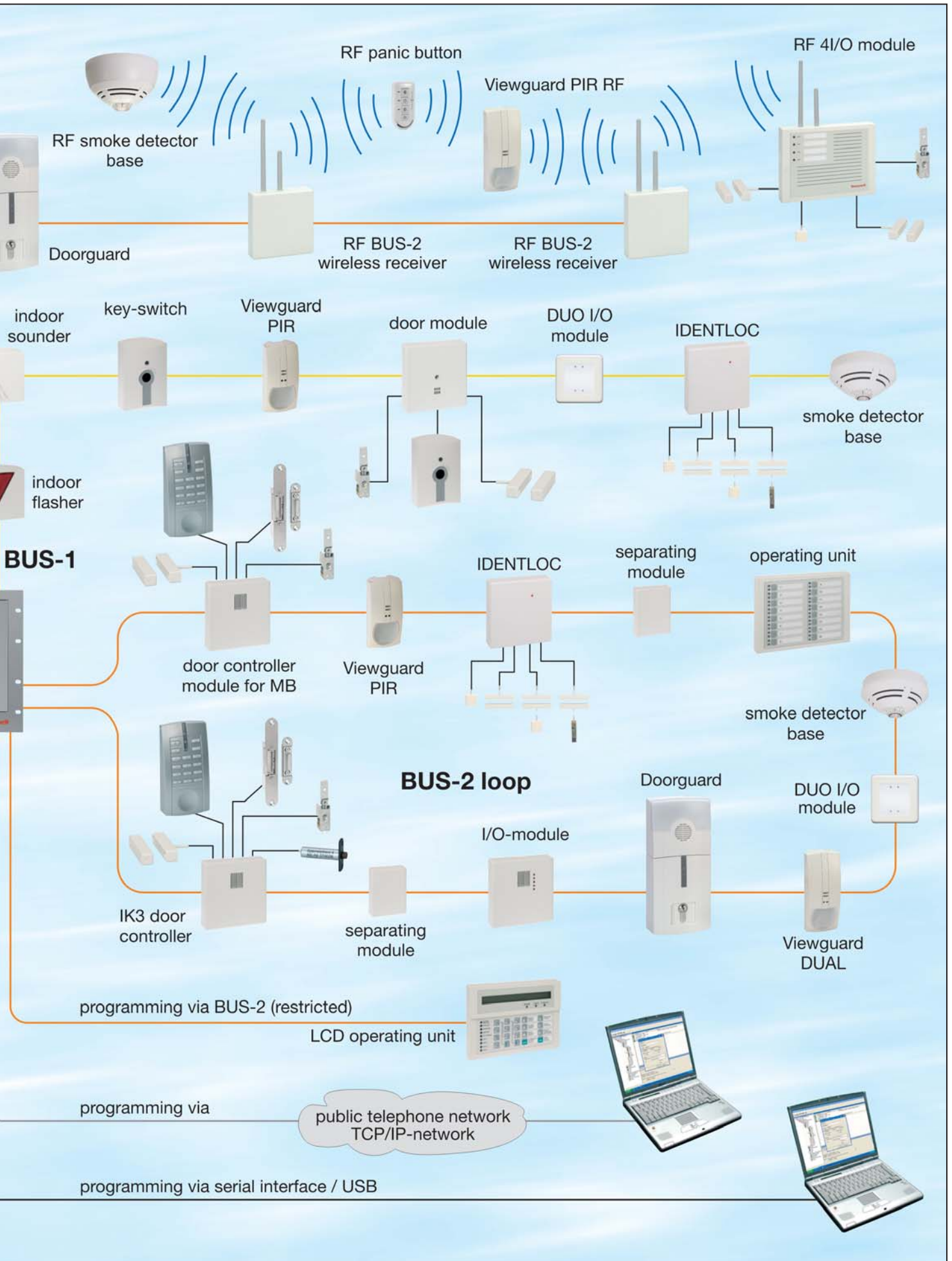
The various expansion modules and large number of different BUS users allow the 561-MB100 control panel to carry out a wide range of security and control tasks, which otherwise could only be carried out by means of cost-intensive expansions or not at all. In these areas, the 561-MB100 control panel can fully deploy its advantages.


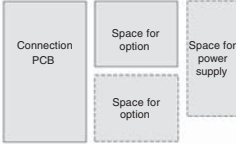



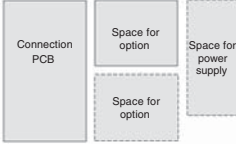
















The new "MB" bidirectional radio system offers the option of integrating wireless monitoring technology into the wire-bound BUS-2 system.

This also allows remote objects or rooms that do not allow a conventional installation to be included in the monitoring concept of the 561-MB100 control panel.





		<p>013201.10 Intruder alarm control panel 561-MB100 in housing type ZG 3.1</p> <p>VdS -approval: G193040 (IDT), Class C; Z105002 (AC), Class C</p> <p> Space for 2 options; space for power supply unit; max. accumulator location 2 x 17 Ah or 2 x 16 Ah (according to VdS)</p> <p> Computer PCB 013200.10.01; connection PCB 011910.02; housing type ZG 3.1</p>
		<p>013202.10 Intruder alarm control panel 561-MB100 in housing type ZG 3.1, including printer</p> <p>VdS -approval: G193040 (IDT), Class C; Z105002 (AC), Class C</p> <p> Space for 2 options; space for power supply unit; max. accumulator location 2 x 17 Ah or 2 x 16 Ah (according to VdS)</p> <p> Computer PCB 013200.10.01; connection PCB 011910.02; thermoprinter 013900; housing type ZG 3.1</p>
		<p>013203.10 Intruder alarm control panel 561-MB100 in housing type ZG 4</p> <p>VdS -approval: G193040 (IDT), Class C; Z105002 (AC), Class C</p> <p> Space for 8 options; space for power supply unit; max. accumulator location 2 x 65 Ah</p> <p> Computer PCB 013200.10.01; connection PCB 011910.02; lower dummy plate 6 HU; housing type ZG 4</p>
		<p>013204.10 Intruder alarm control panel 561-MB100 in housing type ZG 4, including printer</p> <p>VdS -approval: G193040 (IDT), Class C; Z105002 (AC), Class C</p> <p> Space for 8 options; space for power supply unit; max. accumulator location 2 x 65 Ah</p> <p> Computer PCB 013200.10.01; connection PCB 011910.02; thermoprinter 013900; lower dummy plate 6 HU; housing type ZG 4</p>
		<p>013208.10 Intruder alarm control panel 561-MB100, 19" version, including operating unit</p> <p> Computer PCB 013200.10.01; connection PCB 011910.02; operating unit 012541</p>
		<p>013209.10 Intruder alarm control panel 561-MB100, 19" version, including operating unit and printer</p> <p> Computer PCB 013200.10.01; connection PCB 011910.02; operating unit 012541; thermoprinter 013900</p>

Options/Accessories

Extension modules

013100.04 16-DGE module Type A

Group extension PCB with 16 circuit-suppressed detector group inputs as well as 4 semi-conductor outputs. 12 inputs have quenching transistors. Various functions can be allocated to the inputs and also used as connection possibilities for door code devices or contacts for control purposes.

013320.03 16-DGE module Type B

Group extension PCB with 16 circuit-suppressed detector group inputs as well as 16 programmable active semi-conductor outputs 12 V DC/50 mA. Functions can be allocated to the inputs and can be used for connecting various contacts for control purposes.

013100.05 2-BLC/10-DGE module

The extension module has 10 detector group inputs with circuit protection and 2 connections for monitored block locks or external operating units. The module also provides 10 semi-conductor outputs - high active and 6 semi-conductor outputs - low active.

013220.11 BUS-1 module

Extension module for connecting 252 users. 4 isolated and thus individually fuse-protected connections for BUS-1 users are available. Max. 63 BUS-1 users are possible per connection.

013220.07 BUS-2 module

Extension module for connecting BUS-2 users. 4 isolated and thus individually fuse-protected connections are available for a total of 64 BUS-2 users.

013220.07.10 BUS-2 loop module

The loop module can be used in conjunction with the interruption modules BUS-2 (013128) to set up a BUS-2 loop system. In case of an error in the BUS-2 loop, only the defective component is disconnected. Either 2 loop lines or 1 loop line and 2 stub lines or 4 stub lines can be realised with the loop module.

Housing

050055	19" housing type ZG 4
050056	19" housing type ZG 5
050057	19" housing type ZG 6
013118	19" 6 HU dummy plate, signal grey
013119	19" 3 HU dummy plate, signal grey

Relay extension

013100.08	Relay extension module
070478	Group relay board

Printer/printer accessories

013900	Alphanumerical thermoprinter, 40-digit, motor-driven coiling
013220.14	Connection PCB for desktop printer

IGIS-LOOP extension

013330.10	IGIS-LOOP Controller
-----------	----------------------

Power supply/charger units

010686.01	Power supply/charger unit 12 V DC / 17 Ah
010690.01	Power supply/charger unit 12 V DC / 32 Ah
010690.02	Power supply/charger unit 12 V DC / 40 Ah
012168	Power supply/charger unit 12 V DC / 80 Ah
012170	Power supply/charger unit 12 V DC /130 Ah
050019	Distributor block

VdS kit for commercial use

028050	VdS housing lock
--------	------------------

RDT/transmission devices

057860	Transmission device DS 6600, Telim + Contact ID + e*Message (Nurton)
057650.10	Transmission device DS 7600 ISDN, Telim + VdS 2465 + SMS + e*Message + speech
057651.10	Transmission device DS 7700 ISDN/IP, Telim + VdS 2465 + SMS + e*Message + TCP/IP + speech
057871.10	Transmission device DS 9500, Telim + VdS 2465 + SMS + e*Message + speech

WINFEM control panel programming

013498	PC parameterization software WINFEM Advanced
026809	Zero modem cable
013467.10	USB adapter box (USB 1.1 compatible)
013595	WINFEM-User; Windows software for programming on user-level (up to IACP firmware version V08)
013596	IQ SystemControl; Windows software for programming on user-level and administration of masterfile data (as of IACP firmware version V09)

Connection cable

013100.10	Connection cable set 40 mm / 250 mm
013100.11	Connection cable 400 mm
013100.12	Connection cable 250 mm
013100.13	Connection cable 1000 mm
013100.14	Connection cable 650 mm

Optionen/Zubehör

BUS-2 operating units

012540	2 x 40-digit LCD operating unit; with flap*	012546	Flush mounting kit for 012532, 012541,
012541	2 x 40-digit LCD operating unit; without flap		012542, 012544, 012548
012544	10-DG operating unit with disabling function	012575.10	Comfort Touch Colour, graphic operating unit
012532	8-DG operating unit with disabling function	012577	TouchCenter BUS-2, graphic operating unit
012542	16-DG disable and display module	013140	64 DG display terminal
012548	16-DG display module		

*= Available in various languages

Technical data

Rated connection voltage	230 V AC
Connection voltage range	230 V AC / – 15% to +10%
Mains frequency	50 Hz
Rated operating voltage	12 V DC
Operating voltage range	10,5 V to 15 V DC
Accumulator charge voltage	13,8 V DC
Current consumption at rated voltage	
- disarmed group connections - open	100 mA
- group connection terminated with 12,1 k Ω	1 mA
- every LED indicator	5 mA
- small relay	18 mA
- large relay	45 mA
Operating temperature range	-5 °C bis +45 °C
Storage temperature range	-25 °C bis +70 °C
Environmental class as per VdS	II
Protection class as per DIN 40 050	IP 30
Dimensions (W x H x D)	
- ZG 3.1 housing	500 x 300 x 210 mm
- ZG 4 housing	580 x 640 x 300 mm
Colour	
- Housing	grey white (similar to RAL 9002)
- Front	signal grey (similar to RAL 7004)

For further details, please refer to the product catalogue.

Honeywell Security Group

Novar GmbH

Joh.-Mauthe-Str. 14 · 72458 Albstadt

Phone +49 (0) 74 31/801-0 · Fax 801-12 20

www.honeywell.com/security/de

info.security.de@honeywell.com

P00163-22-0G0-11

03. 2010 · Subject to change without notice.

© 2010 Honeywell International Inc.

Honeywell