


BOSCH

Invented for life

RUBIN 2020 NT

- ▶ **Runs with Windows NT 4.0, service pack 6a and with Windows XP professional**
- ▶ **Up to 34 printers can be connected, 30 as network printers and 4 as local workstation printer (optional)**
- ▶ **Data maintenance workstation function**
- ▶ **Data maintenance/configuration possible during operation**
- ▶ **First detector display**
- ▶ **Alarm simulation**
- ▶ **Evaluation of status changes for message processing, log printing and statistics**
- ▶ **Document display (for message processing) configurable according to line status, selected detector address, selected detector group address and time.**
- ▶ **Creating a detector commentary during message processing**
- ▶ **Project-specific labelling of the message commentary window**

Note The Rubin NT/XP purchase is in following counties supported: Hungary, Low Countries, Italy, Spain, Portugal, UK

The RUBIN NT/XP management system is a universal, multi-user computer system for monitoring and controlling technical security equipment. This includes fire and intruder alarm systems, video systems, access control systems etc. The system is based on commercially available hardware and software components.

Its overall modular concept facilitates the compilation of tailor-made solutions to suit customer-specific requirements. Several versions and stages of extension of the system are available (with and without hardware).

The workstations in a RUBIN system can be configured for different tasks. Operating, data maintenance und system workstations are differentiated between.

The RUBIN workstations on which subsystem connections are established are called 'system workstations'.

If a workstation is used operationally (message processing, controls), it is called an operating workstation.

Pure system data maintenance only is carried out at a data maintenance workstation.

Functions can be combined on a workstation. This is the case for purely single-workstation systems, such as the RUBIN compact.

The RUBIN NT/XP system complies with all stipulations resulting from the applicable laws, standards and guidelines, especially those of EN 50081 (EMVG, interference emission) and EN 50082 (EMVG, immunity to interference).

Functions

RUBIN BE 2020

RUBIN BE 2020 is designed for smaller sites (buildings, operating plants) or sites with few detector peripherals. It allows the configuration of up to 1000 alarm points and the connection of up to two subsystems. For further details, please see the descriptions of the features and software extensions. RUBIN BE 2020 is only available as software.

RUBIN automation

RUBIN automation is designed for smaller sites (buildings, operating plants), sites with few detector peripherals or small control centers. It allows the configuration of up to 5000 alarm points and the connection of up to four subsystems. The basic device can be extended to include various additional features. For further details, please see the descriptions of the features and software extensions.

RUBIN compact

RUBIN compact is designed for smaller sites (buildings, operating plants) or sites with few detector peripherals. It allows the configuration of up to 1000 alarm points and the connection of up to four subsystems. The basic device can be extended to include various additional features. For further details, please see the descriptions of the features and software extensions.

RUBIN modular

The RUBIN modular version of the system can be operated as a single-workstation or networked multi-workstation system. It is designed for the monitoring and control of medium-sized to large sites. The basic system can be extended to include all available features and software extras. For further details, please see the descriptions on the following pages.

Customer-specific functions or subsystem interfaces can be implemented on request.

Technical Specifications

PC minimum requirements

Processor	Pentium II, 500MHz or higher
Operating system	Windows NT 4.0 SP6a, Windows XP Professional
RAM memory	128 MB or higher
Graphics card	AGP VGA card with at least 64K colours
Hard drive	20GB or more

Current Bosch PC (as of 10/2002)

Processor	AMD Athlon, 1300 MHz
Operating system	Windows NT4.0 SP6a
RAM memory	256MB, 168pin DIMM DDRAM
Graphics card	Elsa Gladiac AGP, Matrox G450DH, 32 MB for dual monitor operation
Hard drive	40 GB, Ultra-DMA 100

Subject to technical changes.

Installation/Configuration Notes

Planning RUBIN systems

Bosch provides the RUBIN-PRO software for planning a RUBIN system. The program is configured for the actual offered Bosch PC currently in use (number of slots, power consumption etc.). When configuring a workstation, this program checks, for example, whether there are sufficient slots available for a feature that contains a slot card. This ensures that the system is optimally configured.

Planning RUBIN systems with customers' own computers

The Bosch RUBIN-PRO software should also be used here. If the customer provides the computers, extensive key data should be clarified in advance with the Bosch Security Systems product department. The number of slots (ISA, PCI, AGP) on the computer motherboard is the most important factor. Various features and extensions to RUBIN systems include slot cards. The compatibility of these components with each other and their use in each computer should be explained. The BIOS setting options for the computer are also important here.

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