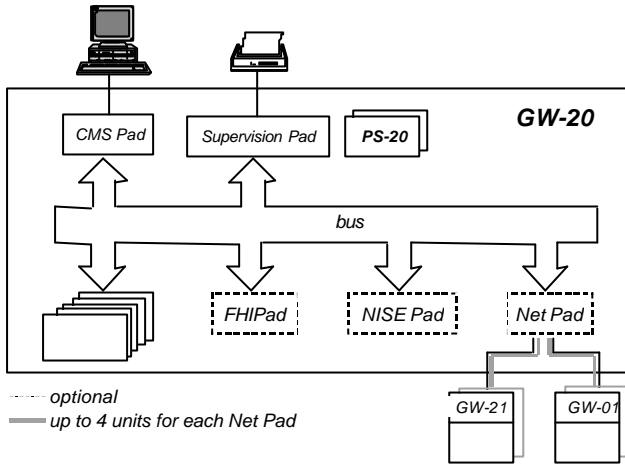


Gateway

GW-20



The Gateway GW-20 acts as communication front-end of a presentation system that could be either a LMS /CMS or a foreign system. It complies with latest European standards for emissions and immunity and replaces the GW-00

Features

- High reliability multi-processor, master-less architecture
- Multiple protocols and multiple/selective routing
- Interactions among the subsystems: an incoming message can trigger one or more command messages to other subsystems
- Single or double internal power supply unit PS20 (100-240 V a.c.) with built-in battery backup providing up to 3 hours autonomy; alternatively, external 12V DC power source when longer backup is required.
- Processor boards (Pads) are equipped with RAM, FLASH EPROM, RTC. and 4 serial channels. The software installed specializes each Pad in a communication function
- GW-20 allows for modular configurations of up to 7 Pads:
 - Supervision Pad
 - CMS Pad for connecting up to 4 LMS/CMS systems
 - to 5 Subsystem Pads for up to 20 subsystems
 - to 5 Net Pads for up to 20 2nd-level gateways
 - Nise Pad for a Landis & Staefa Control System MS-2000
 - 1 FHI Pad for a Foreign Host
- Communication among boards using LonTalk™ protocol

- CB-100 panel connection capability; local printer for technical data logging
- Software tools for configuration available; configuration data stored on Flash EPROM
- For each communication lines two separate LEDs indicate the TX/RX status
- Diagnostic LEDs for Power supply (mains fault, power supply fault, battery fault and battery low), Pads, and lines on the front panel
- Standard 19", 3U housing for max. 7 electronic boards, 200 mm deep, suitable for rack mounting
- The boards can be accessed from the front panel and can be extracted from the housing; all serial connections are via 9-pin, D-Sub connectors mounted on the rear panel.

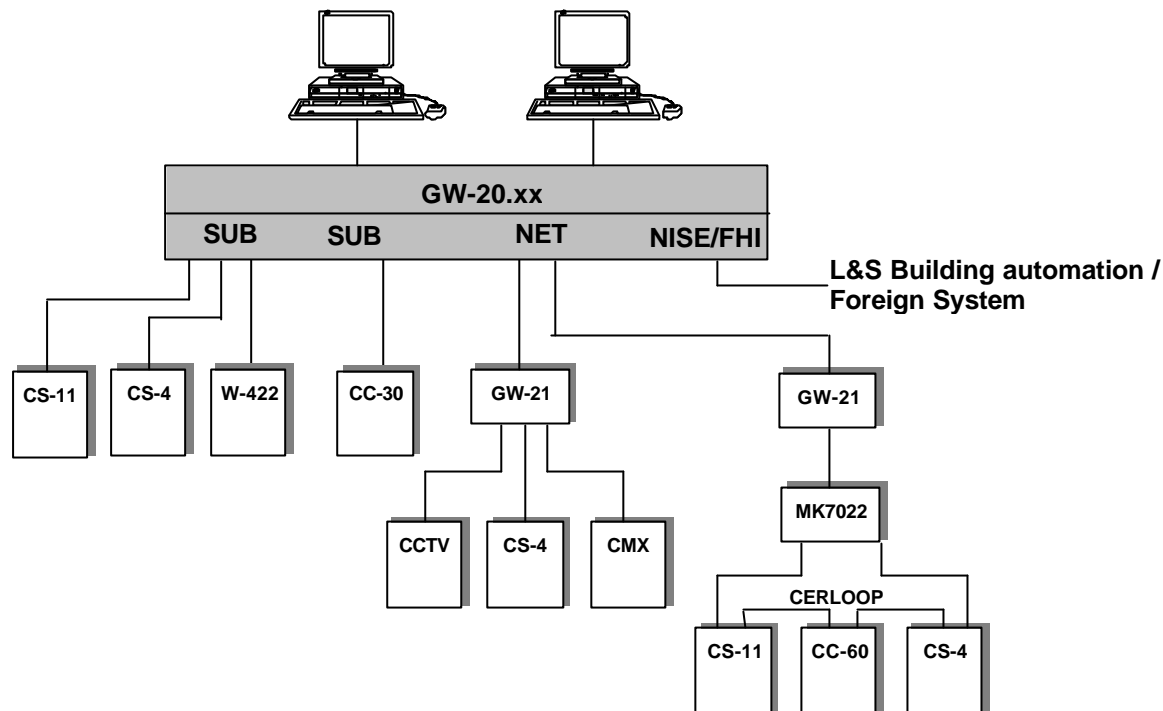
GW-20 configurations:

- GW-20.04 4 lines for presentation systems
4 lines for subsystems / 2nd-level GWs
- GW-20.08 4 lines for presentation systems
8 lines for subsystems / 2nd-level GWs
- GW-20.12 4 lines for presentation systems
12 lines for subsystems / 2nd-level GWs
- GW-20.16 4 lines for presentation systems
16 lines for subsystems / 2nd-level GWs
- GW-20.20 4 lines for presentation systems
20 lines for subsystems / 2nd-level GWs

Further options (not available on GW-20.20):

- NISE-Pad
- FHI-Pad

Configuration example



Technical Data

Supported Protocols	<ul style="list-style-type: none"> - CDDL/CMSDL for LMS/CMS systems - Cerban (CZ10/12, CS4, CS4-40, CS11, CC60) - Cerban (STT-10, STT-11) - ISO 1745 MK-7022 / Cerloop - CerTalk (CC30 Cerpass) - SIZE (Transliner) - CMX-DL (CMX – CF-9003 I/O devices) - 8x00 Allegiant - Burle CCTV - SEEP (Westinghouse SExxx) - CDDL/CDSF for Siemens Simatrix CCTV - CDDL/CDSF for Comerson CCTV MX series - CDDL/CDSF Subsystem PAD (for Foreign subsystem) - Landis & Staefa Port V2.0 or V3.0 NISE-Pad - CDDL/CDSF FHI-Pad (for Foreign Host) - ModBus (Honeywell Open Link 3000 interface) 	<ul style="list-style-type: none"> up to 9600 baud 300 or 600 baud 300 bauds 1200 or 2400 baud 9600 baud 9600 baud up to 9600 baud (4800 suggested) 1200 baud up to 9600 baud 9600 baud 9600 baud up to 9600 baud 9600 baud up to 9600 baud up to 9600 baud
Connectors Configuration	four D-Sub 9 pin female connectors per Pad Jumpers and Flash EPROM	
Power supply requirements	Internal AC power supply Input voltage Power	100-240 V ac (50-60 Hz) 30 W
	External DC power supply Input voltage Max. current absorption	12 V dc 750 mA
Operating conditions	Temperature range Humidity	0 to 50 °C 10 to 95 % non condensing
Dimensions	134 (3U) (H) x 200 (D) x 483 (W) mm	
Weight	6.6 kg (fully equipped)	

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