

Systemo Touch IP, 7" Display



Part-No.: 79CM307

IP-Terminal with 7" capacitive touch-display to support the daily care processes in care facilities. User-friendly operating interface to ensure runtime-critical and relevant data and process flows for user groups such as nursing staff, medical service as well as supporting personnel (including IT department, technical service). Reduction of movement times to optimize productivity and efficient information flow of nursing tasks. Use of RFID technology/PIN code for audit-proof authentication/time-accurate registration of processes and for access control in accordance with GDPR specifications, depending on the requirements in care facilities.

Designed as an IP communication unit for full-duplex operation, in a high-quality surface-mounting housing for residents'/patients' rooms/office rooms, as well as a control unit for additional functions in the respective room and as a gateway to mobile terminals. Intuitive operation via the backlit touch-display with high colour brilliance and good readability in different environmental parameters (brightness, distance). Intercom communication in hands-free intercom (full duplex) and announcement function (send/receive) via IP communication or bus technology as well as connection with VoIP/SIP interface (ETH, WIFI), for communication via the PBX. Optional extension with telephony client (SIP) for duty rooms and function rooms.

Display of system messages with set presence (alarms, calls and presences, etc.) with the highest priority in colour, prioritised order, including time / date. Acoustic call forwarding when set presence and possibility of triggering further calls. Option for configuring the after mode for switching off the display to fulfil the after rest for residents/patients. Support of workflow-relevant processes through display as well as selecting/de-selecting of services (zone concentrations), for extended call forwarding to further wards. Use of RFID technology for identification at the touch terminal for access to patient data directly in the patient's room as well as documentation of care processes. Hereby efficient design of care tasks / activities as well as documentation for the respective patient to relieve the burden of routine work and support the daily care processes in a suitable way. Nursing services are documented immediately after provision: Recording of vital data, care activities, medication and other information requiring documentation, to reduce the number of incorrect records. Energy saving and optimized domotic control functions are provided by a local user interface.

Security features: Monitoring/synchronization of all data traffic as well as audio communication (conversations, announcements) to other rooms within the organizational unit, coordination of communication with the central units and other IP participants via IP interface (ETH-LAN, WIFI). The configuration data of a room is managed via the management server, made available through the use of standardized web services and stored locally. Support of the cyber security requirements of modern IT infrastructures. Upgradable to future system firmware thanks to future-oriented flash memory technology to ensure automated software updates during operation. Multi-stage security concept enables local call signalling in case of missing communication with the central unit of the system.

Activation of licensed system functions by separate software licenses required: RFID funct., IP funct. (ETH-LAN/WIFI/BT) duty room funct. (zone concentrations, announcements, room/bed prioritisation), telephony (SIP client), care documentation (HIS interface required).

Features:

- High-quality, hardened mineral glass with a surface integrated into the surface-mounted plastic housing for each cleaning / disinfection of the device.
- Equipped with antimicrobial compound for reduction of existing bacteria or preventing their reproduction.
- Good mechanical properties with high resistance to daily stress (operation, cleaning, disinfection, jolts etc.).
- Suitable for use in care facilities with high standards of hygiene, stability, longevity and durability (continuous operation).
- Temporary switch-off of the touch display for cleaning mode to disinfect the surface / the housing
- UV-resistant, impact-resistant
- Heat-resistant, stability
- Longevity, durability, Halogen-free
- Flame protection (fire protection class V0)
- Processor: Cortex A64 Quad-Core, 1.2GHz
- Memory: 1GB DDR3, 8 GB Flash
- Operating system: Linux
- Cyber Security: Firewall, VNC (SSH), secured boot-loader function
- VoIP/SIP: Digital, Codec G.711, P2P
- Configuration: via web service
- LAN: RJ45, 10/100Base-TX/IEEE 802.3
- ETH for digital data/audio (WIFI opt.)
- Panel size: 17 cm, 16:9
- Technology: TFT LCD, LED lighting
- Resolution: 1024x600, 16.7 million colors
- Touch technology: capacitive, multi
- glass: hardened mineral glass/hardness 7 H
- Cleaning mode for 10 s activatable
- Output power: 2W (normal), 2,5W (max.)
- Frequency range: 380Hz-20kHz

Operating voltage	24 V DC
Power consumption	4 W
Ambient temperature	5 °C ... 40 °C
Storage temperature	-20 °C ... 70 °C
Air humidity	< 20 %
Material	mineral glass 7H (front)
Color	white, similar to RAL 9016 (front)
Dimensions	W: 216 mm H: 144 mm D: 25 mm



Operation either on fieldbus or IP infrastructure. Installation in duty rooms by using corresponding licences.

Accessories:

79CM307Z1	Systevo connection board for IP-Touch terminal, Databus
79CM307Z2	Systevo connection board for IP-Touch terminal, Databus / IP (ETH-LAN)
79CM307Z3	Systevo connection board for IP-Touch terminal, IP (ETH/PoE)
79CM307Z4	Systevo connection board for IP-Touch terminal, IP (ETH/PoE), Databus