trifact

trinity® SIP   Multimedia terminal for patients
Art. Nr. 14.501.41

The trinity® convinces with its simple operation, especially for older and sick people. Our goal is to connect patients with devices that they are already familiar with from everyday use, such as a push-button telephone or a TV remote control. The terminal is controlled either by touchscreen or by pressing a button. Digital reception makes it possible to watch television programs in HD quality and listen to radio programs in CD quality. Furthermore, the trinity® can be easily integrated into modern information systems.

General information:

- Dual Screen technology
- Multiprocessor system
- Hygienic membrane keyboard with ergonomic arrangement of the function blocks
- Die-cast aluminum housing in an elegant and modern design
- Large color graphic displays in TFT/LED and OLED technologies
- To be attached to bedside tables or wall brackets
- With wall bracket , motorized support for tilting the screen
- Operating options: buttons, touch screen, navigation handle
- Possible to integrate the room infrastructure (nurse call, reading light, blinds, etc.)
- Stereo audio system with speakers and headphone jack
- For patient phone servers such as ATIRAS, iS.hospital, MedCom, HiMed
- Connection to Innovaphone, AVAYA ACM, Alcatel Enterprise, Cisco UC, Unify etc.

Technical information:

Main display:

- Size: 13.3 inches
- resolution: 1280 x 800 px
- Brightness: 500 cd/m^2
- contrast: 800 :1
- viewing angle H/V: 140°/120°
- Special front glass pane

Status display

- RGB OLED
- resolution: 480 x 128 px
- Contrast: 2000 :1
- viewing angle: H/V: 160°/160°

Keys

- Divided into telephone and multimedia fields
- Membrane keyboard with embossing and more tactile return message
- Locator and embossing for the visually impaired
- 6 freely configurable keys assigned to the status display, 2 light and 1 alarm button illuminated

Touchscreen

- Capacitive multi-touch panel [1]

Media services

- Radio, LAN, IP Multicast Stream
- TV, LAN, IP Multicast Stream
- Internet / Intranet LAN HTML
- Phone, LAN SIP
- control funticons, LAN UDP TCP
- Video On Demand, LAN API/HTML [1]
- Alarming, LAN or with Opt. Potfrei [1]
- eKardex, LAN RDP Citrix [1]

Connections / Interfaces

- USB-connection
- Headphone (3.5m jack)
- LAN-Interface
- ISO Chip-card reader

Barcode reader

- 2D scanner for patient tracking and material management [1]
- reading- / night light
- High Power LED light [1]

Equipment

- Mechanical fastening systems
- Management Software «DataOperator»
- Relay box for local connection of existing infrastructure

Audio

- The digital speech signal enables optimal speech intelligibility for hearing-impaired
- Audio Codec G.711, G.729A/B
- MPEG1 Layer 1, 2 and 3 (MP3)
- Hands-free option for intercom ments with Acoustic Echo Suppression [1]
- Stereo speakers
- two-channel decoder

Video

- High Profile Video Decoder H.264/ MPEG-4 AVC Level 4.1
- Video Decoder MPEG-2 HD/SD MP@HL

Netzwork services

- VLAN and QoS Tagging IEEE 802.1q/p [1]
- Support RFCs: 3261, 2327, 3550 and 2833
- card reader
- All Swiss telephone chip card formats can be read
- Swiss health insurance card KVG
- RFID reader [1] Legic/MiFare

Sensors

- Brightness sensor for contrast control
- Accelerometer

Power

- Voltage supply via Power over ethernet (PoE+)
- Ecodesign according to regulation (EG) Nr. 642/2009: TV OFF with telephone standby <1.5W, Terminal ON < 23W

Variants Visual processor for

- Linux
- Windows Embedded Compact [1]

[1] Optional

We would be happy to advise you on site so that we can personally introduce you to the advantages of our trinity.