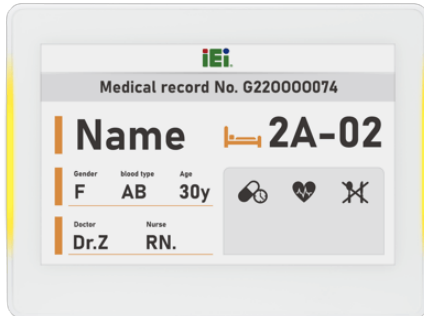


IASO-W10B-IMX8M

Data Acquisition Terminal



Features

- » NXP i.MX 8M Mini Quad-core Cortex-A53 1.8 GHz
- » Programmable LED light bar on both side
- » 10-point PCAP touch with optical bonding
- » IEEE 802.3 PoE (optional)
- » RFID (NFC) reader (optional)

Specifications

| Display | |
|-------------------------------------|--|
| LCD Size | 10.1" |
| LCD Resolution | 1280 x 800 |
| LCD Brightness (cd/m ²) | 400 |
| LCD Contrast Ratio | 800:1 |
| LCD Color | 16.7M (RGB 6-bit + Hi-FRC) |
| LCD Pixel Pitch (mm) | 0.1695 x 0.1695 mm |
| LCD Viewing Angle (H-V) | 178° /178° |
| LCD Backlight MTBF | 30,000 (LED backlight) |
| Touch Screen | Projected capacitive type with 10-point multi-touch and optical bonding |
| Touch Controller | EETI |
| Touch Surface Hardness | 6H |
| System | |
| Processor | NXP i.MX 8M Mini (Quad-core Cortex-A53 up to 1.8 GHz) |
| Supported OS | Android 12 |
| Storage | |
| Storage | On-board 32GB eMMC NAND FLASH, up to 128GB |
| RAM | On-board 4GB LPDDR4X, up to 8GB |
| Audio | |
| Speaker | 2 x 0.5W (internal speaker) |
| I/O Interface | |
| Rear I/O | 1 x Reset button |
| | 1 x Power button |
| | 1 x 12V DC jack |
| | 1 x RS-232 |
| | 1 x Audio jack (TRRS) |
| | 1 x GbE LAN supporting PoE |
| | 2 x USB 2.0 Type A |
| Indicator&Buttons | |
| Indicators | 2 x LED light bar (each light bar has 10 programmable RGB LED with IEC62471 certification) |
| Physical Characteristics | |
| Thermal | Fanless |
| Construction Material | PC/ABS plastic |
| Mounting | VESA 75 x 75 mm |

| | |
|-------------------------|---------------------------------------|
| Weight (Net) (kg) | 1.49 |
| Weight (Gross) (kg) | 2.86 |
| Dimensions (LxWxH) (mm) | 261 x 196.4 x 40 |
| Power | |
| Power Adapter | 65W medical grade power adapter |
| Environment | |
| Operating Temperature | 0°C ~ 40°C |
| Storage Temperature | -20°C ~ 60°C |
| Humidity | 10% ~ 95% (non-condensing) |
| Vibration | 1G |
| Operating Shock | 5G peak acceleration (11ms duration) |
| Non-operating shock | 15G peak acceleration (11ms duration) |
| Certifications | |
| Safety & EMC | CE,FCC Class B Part 15B |
| | EN 55032 2015+A11:2020 |
| | EN 55035 2017+A11:2020 |
| | EN / IEC 62368-1 |

Ordering Information

| | |
|---------------------|---|
| IASO-W10B-IMX8M-R10 | 10.1" 400cd/m ² medical panel PC with NXP i.MX 8M Mini Cortex-A53 1.8 GHz, on board 4GB LPDDR4X,Wi-Fi 6 module, PCAP touchscreen,R10 |
|---------------------|---|

Packing List

| | |
|---|---|
| 1 x Power Adapter (65W medical power adapter) | 1 x Power Cord (European power cord, 183 cm, C13) |
|---|---|