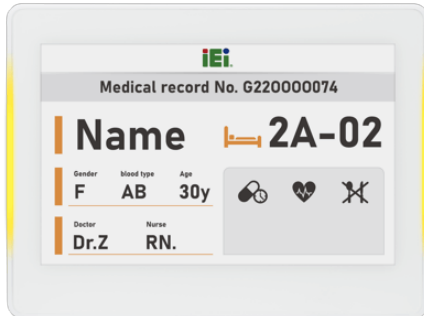


# IASO-W10B-IMX8M

## 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 <sup>2</sup> ) | 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                      |
| <b>Power</b>            |                                       |
| Power Adapter           | 65W medical grade power adapter       |
| <b>Environment</b>      |                                       |
| 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) |
| <b>Certifications</b>   |                                       |
| 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 <sup>2</sup> 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) |
|---|---|