

# POC-W22A-H81

21.5" Medical Grade Panel PC



## Features

- » W21.5" 16:9 LED panel with FHD (1920 x 1080)
- » 4th generation Intel® Core™ i5/i3/Pentium® CPU
- » Projected capacitive touchscreen supports multi-touch
- » IP65 compliant front bezel
- » Anti-bacteria cover
- » Optional 3-in-1 card reader: MSR, SCR and fingerprint
- » Optional Mifare RFID module
- » Optional internal 54W battery module
- » Optional VoIP phone handset
- » Optional handle module with barcode scanner and reading light

## Specifications

|                          |                                   |
|--------------------------|-----------------------------------|
| Communication            |                                   |
| Wi-Fi                    | 802.11a/b/g/n                     |
| Dimensions               |                                   |
| Dimensions               | 470 x 383 x 79                    |
| Environment              |                                   |
| IP Level                 | IP 65 compliant front panel       |
| Operating Temperature    | 0°C ~ 40°C                        |
| I/O Interface            |                                   |
| Audio                    | 2 x 3W AMP                        |
| I/O Ports                | 1 x RS-232/422/485                |
|                          | 2 x GbE LAN by RJ-45 (1 for iRIS) |
|                          | 1 x Power button                  |
|                          | 1 x VGA output                    |
|                          | 1 x HDMI™ output                  |
|                          | 1 x 9V~28V DC Jack                |
|                          | 2 x USB 3.0                       |
|                          | 4 x USB 2.0 (2 on bottom and 2    |
| LCD                      |                                   |
| Backlight MTBF           | 30000                             |
| Brightness (cd/m2)       | 250                               |
| Contrast Ratio           | 1000:1                            |
| LCD Color                | 16.7M                             |
| Resolution               | 1920 (W) x 1080 (H)               |
| Size                     | 21.5"                             |
| Viewing Angle (H-V)      | 170°/160°                         |
| Physical Characteristics |                                   |
| Construction             | Anti-bacteria plastic front frame |
| Mounting                 | Panel, Wall, Rack, Stand and Arm  |
|                          | VESA 100mm x 100mm                |

|                   |   |
|-------------------|---|
| Net Weight        | 7.3 kg  |
| Power             |   |
| Power adapter     | Medical Grade. AC 90V~264VAC input to DC 12V output   |
| Power Requirement | DC 12V input  |
| System            |   |
| Chipset           | Intel® H81  |
| CPU               | Intel® desktop Core™ i7/i5/i3/Pentium®/Celeron® CPU with Intel® H81 chipset (Up to TDP 35W CPU) |
| Drive Bays        | 1 x 2.5" SATA HDD   |
| Memory Max.       | Two 204-pin 1600/1333MHz dual-channel DDR3 SDRAM, 4GB pre-installed (system max.16GB)           |
| Touch             |   |
| Touch Screen      | Projected Capacitive Touch screen   |
| LED Function      |   |
| LED Function      | One power on/off LED on front panel   |
| OSD Function      |   |
| OSD Function      | Five buttons (LCD on/off, Light +/-, Audio +/-)   |

## Ordering Information

|                            |   |
|----------------------------|---|
| POC-W22A-H81i-P/PC/4G-R11  | 21.5" 250cd/m <sup>2</sup> FHD Medical panel PC with Intel H81 chipset, Pentium Dual Core G3320TE Processor (2.3 GHz), TDP 35W, 2*2GB DDR3 RAM, 802.11a/b/g/n/ac WiFi module, PCAP touchscreen, 2M camera, microphone, support iRIS-2400, R11 |
| POC-W22A-H81i-i5/PC/4G-R11 | 21.5" 250cd/m <sup>2</sup> FHD Medical panel PC with Intel H81 chipset, Dual Core i5-4570TE Processor (2.7 GHz), TDP 35W, 2*2GB DDR3 RAM, 802.11a/b/g/n/ac WiFi module, PCAP touchscreen, 2M camera, microphone, support iRIS-2400, R11       |
| POC-W22A-H81i-i3/PC/4G-R11 | 21.5" 250cd/m <sup>2</sup> FHD Medical panel PC with Intel H81 chipset, Dual Core i3-4330TE Processor (2.4 GHz), TDP 35W, 2*2GB DDR3 RAM, 802.11a/b/g/n/ac WiFi module, PCAP touchscreen, 2M camera, microphone, support iRIS-2400, R11       |