

Adopt a higher standard LCD screen and a high-precision touch screen. The fuselage is made of aluminum alloy structure. The fully enclosed fanless design scheme is specially designed for complex medical environment, which can ensure long-term stable operation under complex medical conditions; All products have obtained medical test reports such as EMI, ESD, safety regulations, pulse group, emission radiation, etc

## Features

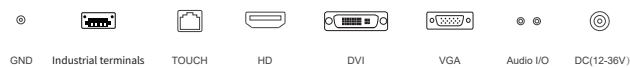
- Self-developed industrial motherboard with multiple touch modes
- Anti-vibration, anti-radiation, anti-static layout structure design
- Upgraded anti-interference internal layout, ESD up to:  $\pm 8KV \sim \pm 15KV$ .
- Industrial-grade protection, adapt to a variety of harsh environments.
- Obtained medical industry test report EN 60601-1-2:2015
- Supports desktop, wall, cantilever, boom and recessed mounting



## Product Model

|                  |              |
|------------------|--------------|
| Product Size     | 19"          |
| Non-touch        | OVEM-119G-MD |
| Capacitive touch | OVEM-119C-MD |
| Resistive touch  | OVEM-119R-MD |

## Product Interface



## Product Specifications

### Screen Parameters

|                |                       |  |  |
|----------------|-----------------------|--|--|
| LCD size       | 19" TFT LCD           |  |  |
| Resolution     | 1280*1024             |  |  |
| Viewing angle  | 85/85/80/80 (L/R/U/D) |  |  |
| Colour         | 16.7M                 |  |  |
| Brightness     | 300 cd/m <sup>2</sup> |  |  |
| Contrast ratio | 1000:1                |  |  |

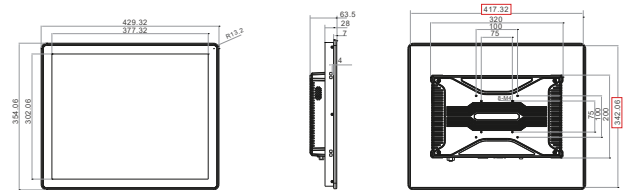
### Touch Parameters

|                          |  |   |           |
|--------------------------|--|---|-----------|
| Touch type               | 10-point touch projection<br>Capacitive touch screen | Single-point<br>Resistance touch screen | Non-touch |
| Transmittance            | ≥88%   | ≥78%                                    | ≥92%      |
| Input mode               | Handwriting or<br>Capacitance pen                    | Fingertip or stylus                     | /         |
| Controller communication | USB  | USB                                     | /         |

### Hardware Configuration

|              |                            |
|--------------|----------------------------|
| CPU          | RTD2513                    |
| Key function | AUTO/MENU/POWER/LEFT/RIGHT |

## Product Size



### Physical Characteristics

|                    |                           |
|--------------------|---------------------------|
| Overall dimensions | W429.32x H354.06x D63.5mm |
| Size of opening    | W419.32x H344.06mm        |

### Interface Parameters

|                  |   |
|------------------|---|
| Grounding column | Support (1*GND)   |
| Power interface1 | 1*Industrial terminals, Support 12V-36V wide voltage power supply |
| Power interface2 | 1*DC2.1, Support 12V-36V wide voltage power supply                |
| HDMI             | 1 * HDMI, supports HDMI data input, and supports 1080P at most    |
| Touch interface  | 1*TOUCH (RJ45)  |
| VGA              | 1*VGA, Analog signal transmission                                 |
| DVI              | 1*DVI, Digital signal transmission                                |
| Audio interface  | 1*Audio I/O, Support audio input and output                       |

### Product Reliability Parameters

|                       |  |
|-----------------------|--|
| Working temperature   | -20°C~70°C                                       |
| Storage temperature   | -30°C~80°C                                       |
| Relative humidity     | Humidity: 95% Non-Condensing                     |
| ESD                   | Contact $\pm 8KV$ , air $\pm 15KV$               |
| Vibration protection  | IEC 60068-2-64, Random, 5 ~ 500 Hz, 1 hr/axis    |
| Impact protection     | IEC 60068-2-27, Half sine wave, Lasting for 11ms |
| Product certification | CCC/CE/FCC/EMC/CB/ROHS                           |
| Waterproof grade      | The front panel reaches IP65 protection level    |

### Power Parameters

|              |            |
|--------------|------------|
| Power input  | DC 12V~36V |
| Static power | 18W        |

|                 |  |
|-----------------|--|
| System language | Multilingual (default: English)                            |
| Video input     | PC-RGB:Format Up to 1920*1080@60HZ Color 16bit/24bit/32bit |