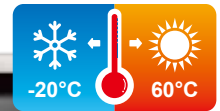


## 15", 17", 19" Front IP66 Silver Aluminum Touch Monitor



### Features

- Fanless and rugged design
- Wide temperature : -20~60°C
- True Flat PCT / 5 Wires Resistive touch solution
- Resolution 1024 x 768 / 1280 x 1024
- IP66 Silver aluminum front bezel
- VESA mount & Panel mount & Clip mount



### Specifications

| Model No.                             | TM150PW03   | TM150RW03      | TM150PW04 | TM150RW04      | TM170PW03         | TM170RW03      | TM170PW04 | TM170RW04      | TM190PW03         | TM190RW03      | TM190PW04 | TM190RW04      |
|---------------------------------------|---|----------------|-----------|----------------|-------------------|----------------|-----------|----------------|-------------------|----------------|-----------|----------------|
| <b>DISPLAY</b>                        |   |                |           |                |                   |                |           |                |                   |                |           |                |
| Size                                  | 15" TFT (4:3)                                     |                |           |                | 17" TFT (4:3)     |                |           |                | 19" TFT (4:3)     |                |           |                |
| Resolution                            | 1024 x 768  |                |           |                | 1280 x 1024       |                |           |                | 1280 x 1024       |                |           |                |
| Colors                                | 16.2M   |                |           |                | 16.2M             |                |           |                | 16.7M             |                |           |                |
| Luminance                             | 300 cd/m2   |                |           |                | 350 cd/m2         |                |           |                | 250 cd/m2         |                |           |                |
| Contrast Ratio                        | 2000:1  |                |           |                | 1000:1            |                |           |                | 1000:1            |                |           |                |
| View Angle (H/V)                      | 176°/176°   |                |           |                | 170°/160°         |                |           |                | 170°/160°         |                |           |                |
| <b>HIGH BRIGHTNESS (OPTIONAL)</b>     |   |                |           |                |                   |                |           |                |                   |                |           |                |
| Resolution                            | 1024 x 768  |                |           |                | 1280 x 1024       |                |           |                | 1280 x 1024       |                |           |                |
| Colors                                | 16.2M   |                |           |                | 16.7M             |                |           |                | 16.7M             |                |           |                |
| Luminance                             | 1000 cd/m2  |                |           |                | 1000 cd/m2        |                |           |                | 1000 cd/m2        |                |           |                |
| Contrast Ratio                        | 2000 : 1  |                |           |                | 1000 : 1          |                |           |                | 1000 : 1          |                |           |                |
| Viewing Angle (H/V)                   | 176°/176°   |                |           |                | 170°/165°         |                |           |                | 170°/160°         |                |           |                |
| <b>I/O PORTS</b>                      |   |                |           |                |                   |                |           |                |                   |                |           |                |
| VGA                                   | V   |                | V         |                | V                 |                | V         |                | V                 |                | V         |                |
| DVI                                   | V   |                |           |                | V                 |                |           |                | V                 |                |           |                |
| HDMI                                  |   |                | V         |                |                   |                | V         |                |                   |                | V         |                |
| DP                                    |   |                | V         |                |                   |                | V         |                |                   |                | V         |                |
| USB (for touch screen)                | V   |                | V         |                | V                 |                | V         |                | V                 |                | V         |                |
| <b>POWER REQUIREMENT</b>              |   |                |           |                |                   |                |           |                |                   |                |           |                |
| Power Requirement                     | DC in 12V ( 60W )                                 |                |           |                |                   |                |           |                |                   |                |           |                |
| <b>TOUCH SCREEN</b>                   |   |                |           |                |                   |                |           |                |                   |                |           |                |
| Touch Screen                          | PCT   | 5W (one touch) | PCT       | 5W (one touch) | PCT               | 5W (one touch) | PCT       | 5W (one touch) | PCT               | 5W (one touch) | PCT       | 5W (one touch) |
| <b>OS SUPPORT</b>                     |   |                |           |                |                   |                |           |                |                   |                |           |                |
| OS support                            | Win Pro 10 / Embedded Win 7, 8, 10 / Win 10 IoT   |                |           |                |                   |                |           |                |                   |                |           |                |
| <b>MECHANICAL &amp; ENVIRONMENTAL</b> |   |                |           |                |                   |                |           |                |                   |                |           |                |
| Operation Temp.                       | -20~60°C  |                |           |                |                   |                |           |                |                   |                |           |                |
| Storage Humidity                      | 10 ~ 90%, non-condensing                          |                |           |                |                   |                |           |                |                   |                |           |                |
| Mounting                              | VESA mount (100X100mm) & Panel mount & Clip mount |                |           |                |                   |                |           |                |                   |                |           |                |
| Dimension (WxHxD)                     | 441 x 322 x 71mm                                  |                |           |                | 483 x 376 x 71 mm |                |           |                | 528 x 414 x 71 mm |                |           |                |
| Weight                                | 4.8 kg  |                |           |                | 6.0 kg            |                |           |                | 7.2 kg            |                |           |                |
| <b>OPTIONAL</b>                       |   |                |           |                |                   |                |           |                |                   |                |           |                |
| P/N: 302A170051                       | 1600 cd/m2 15" LCD panel 1024 x 768               |                |           |                |                   |                |           |                |                   |                |           |                |
| P/N: 302A170051                       | 1600 cd/m2 17" LCD panel 1280 x 1024              |                |           |                |                   |                |           |                |                   |                |           |                |
| P/N: 2320000001                       | Optical Bonding                                   |                |           |                |                   |                |           |                |                   |                |           |                |
| P/N: 3080108001                       | HMDI 2m cable                                     |                |           |                |                   |                |           |                |                   |                |           |                |
| P/N: 3080109001                       | DP 2m cable                                       |                |           |                |                   |                |           |                |                   |                |           |                |
| P/N: 239SP17002                       | 10pcs x Clips                                     |                |           |                |                   |                |           |                |                   |                |           |                |
| P/N: 3011100020                       | Waterproof sponge                                 |                |           |                |                   |                |           |                |                   |                |           |                |

## ORDERING INFORMATION

### STANDARD

|                  |   |
|------------------|---|
| <b>TM150PW03</b> | 15" wide temperature display, true flat PCT, 1 x VGA, 1 x DVI, 1 x USB, 1 x 1.8m VGA cable, 1 x 1.8m USB cable, DC in power adapter                           |
| <b>TM150PW04</b> | 15" wide temperature display, true flat PCT, 1 x VGA, <b>1 x DP, 1 x HDMI</b> , 1 x USB, 1 x 1.8m VGA cable, 1 x 1.8m USB cable, DC in power adapter          |
| <b>TM150RW03</b> | 15" wide temperature display, true flat 5W resistive, 1 x VGA, 1 x DVI, 1 x USB, 1 x 1.8m VGA cable, 1 x 1.8m USB cable, DC in power adapter                  |
| <b>TM150RW04</b> | 15" wide temperature display, true flat 5W resistive, 1 x VGA, <b>1 x DP, 1 x HDMI</b> , 1 x USB, 1 x 1.8m VGA cable, 1 x 1.8m USB cable, DC in power adapter |
| <b>TM170PW03</b> | 17" wide temperature display, true flat PCT, 1 x VGA, 1 x DVI, 1 x USB, 1 x 1.8m VGA cable, 1 x 1.8m USB cable, DC in power adapter                           |
| <b>TM170PW04</b> | 17" wide temperature display, true flat PCT, 1 x VGA, <b>1 x DP, 1 x HDMI</b> , 1 x USB, 1 x 1.8m VGA cable, 1 x 1.8m USB cable, DC in power adapter          |
| <b>TM170RW03</b> | 17" wide temperature display, true flat 5W resistive, 1 x VGA, 1 x DVI, 1 x USB, 1 x 1.8m VGA cable, 1 x 1.8m USB cable, DC in power adapter                  |
| <b>TM170RW04</b> | 17" wide temperature display, true flat 5W resistive, 1 x VGA, <b>1 x DP, 1 x HDMI</b> , 1 x USB, 1 x 1.8m VGA cable, 1 x 1.8m USB cable, DC in power adapter |
| <b>TM190PW03</b> | 19" wide temperature display, true flat PCT, 1 x VGA, 1 x DVI, 1 x USB, 1 x 1.8m VGA cable, 1 x 1.8m USB cable, DC in power adapter                           |
| <b>TM190PW04</b> | 19" wide temperature display, true flat PCT, 1 x VGA, <b>1 x DP, 1 x HDMI</b> , 1 x USB, 1 x 1.8m VGA cable, 1 x 1.8m USB cable, DC in power adapter          |
| <b>TM190RW03</b> | 19" wide temperature display, true flat 5W resistive, 1 x VGA, 1 x DVI, 1 x USB, 1 x 1.8m VGA cable, 1 x 1.8m USB cable, DC in power adapter                  |
| <b>TM190RW04</b> | 19" wide temperature display, true flat 5W resistive, 1 x VGA, <b>1 x DP, 1 x HDMI</b> , 1 x USB, 1 x 1.8m VGA cable, 1 x 1.8m USB cable, DC in power adapter |

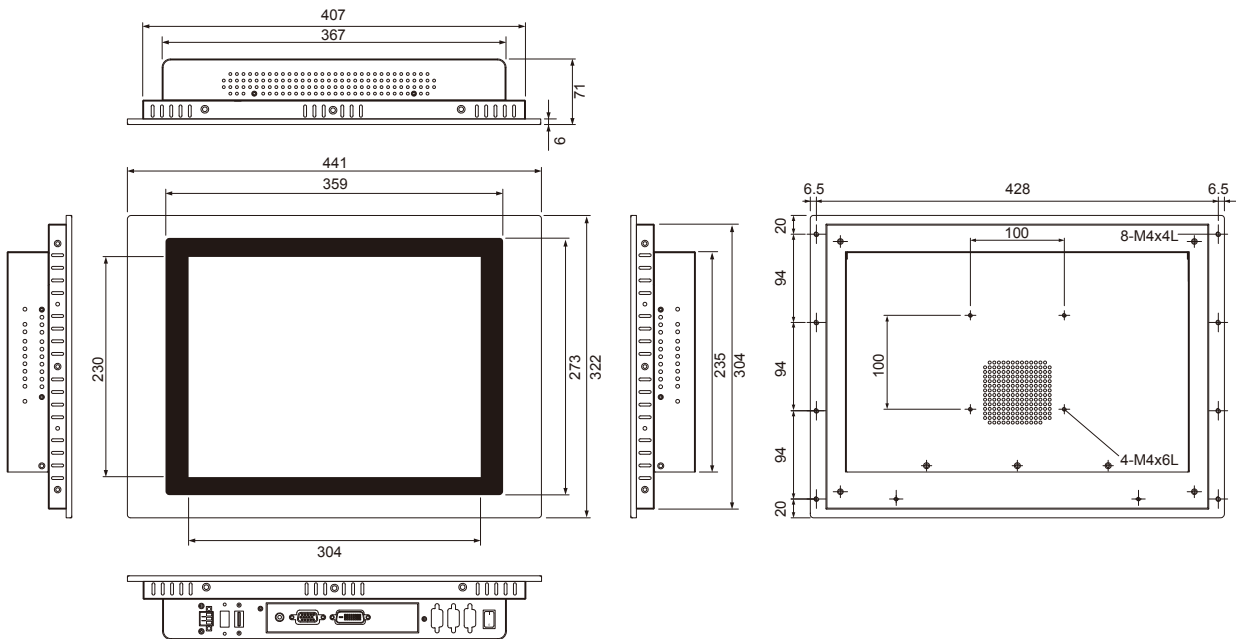
### HIGH BRIGHTNESS

|                  |  |
|------------------|--|
| <b>TM150PK03</b> | 15" wide temperature display, true flat PCT, 1 x VGA, 1 x DVI, 1 x USB, 1 x 1.8m VGA cable, 1 x 1.8m USB cable, DC in power adapter, <b>1000 cd/m2</b>                   |
| <b>TM150PK04</b> | 15" wide temperature display, true flat PCT, 1 x VGA, 1 x DP, 1 x HDMI, 1 x USB, 1 x 1.8m VGA cable, 1 x 1.8m USB cable, DC in power adapter, <b>1000 cd/m2</b>          |
| <b>TM150RK03</b> | 15" wide temperature display, true flat 5W resistive, 1 x VGA, 1 x DVI, 1 x USB, 1 x 1.8m VGA cable, 1 x 1.8m USB cable, DC in power adapter, <b>1000 cd/m2</b>          |
| <b>TM150RK04</b> | 15" wide temperature display, true flat 5W resistive, 1 x VGA, 1 x DP, 1 x HDMI, 1 x USB, 1 x 1.8m VGA cable, 1 x 1.8m USB cable, DC in power adapter, <b>1000 cd/m2</b> |
| <b>TM170PK03</b> | 17" wide temperature display, true flat PCT, 1 x VGA, 1 x DVI, 1 x USB, 1 x 1.8m VGA cable, 1 x 1.8m USB cable, DC in power adapter, <b>1000 cd/m2</b>                   |
| <b>TM170PK04</b> | 17" wide temperature display, true flat PCT, 1 x VGA, 1 x DP, 1 x HDMI, 1 x USB, 1 x 1.8m VGA cable, 1 x 1.8m USB cable, DC in power adapter, <b>1000 cd/m2</b>          |
| <b>TM170RK03</b> | 17" wide temperature display, true flat 5W resistive, 1 x VGA, 1 x DVI, 1 x USB, 1 x 1.8m VGA cable, 1 x 1.8m USB cable, DC in power adapter, <b>1000 cd/m2</b>          |
| <b>TM170RK04</b> | 17" wide temperature display, true flat 5W resistive, 1 x VGA, 1 x DP, 1 x HDMI, 1 x USB, 1 x 1.8m VGA cable, 1 x 1.8m USB cable, DC in power adapter, <b>1000 cd/m2</b> |
| <b>TM190PK03</b> | 19" wide temperature display, true flat PCT, 1 x VGA, 1 x DVI, 1 x USB, 1 x 1.8m VGA cable, 1 x 1.8m USB cable, DC in power adapter, <b>1000 cd/m2</b>                   |
| <b>TM190PK04</b> | 19" wide temperature display true flat PCT, 1 x VGA, 1 x DP, 1 x HDMI, 1 x USB, 1 x 1.8m VGA cable, 1 x 1.8m USB cable, DC in power adapter, <b>1000 cd/m2</b>           |
| <b>TM190RK03</b> | 19" wide temperature display, true flat 5W resistive, 1 x VGA, 1 x DVI, 1 x USB, 1 x 1.8m VGA cable, 1 x 1.8m USB cable, DC in power adapter, <b>1000 cd/m2</b>          |
| <b>TM190RK04</b> | 19" wide temperature display, true flat 5W resistive, 1 x VGA, 1 x DP, 1 x HDMI, 1 x USB, 1 x 1.8m VGA cable, 1 x 1.8m USB cable, DC in power adapter, <b>1000 cd/m2</b> |

## Dimensions

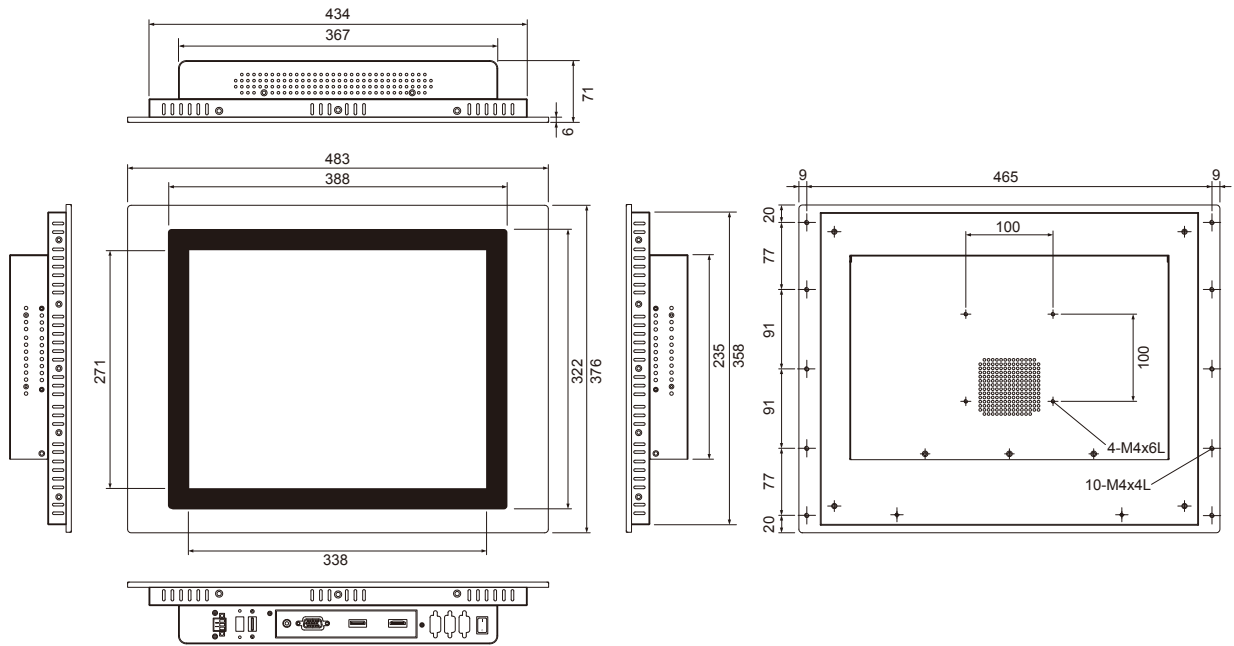
Unit : mm

### TM150PW03, TM150RW03

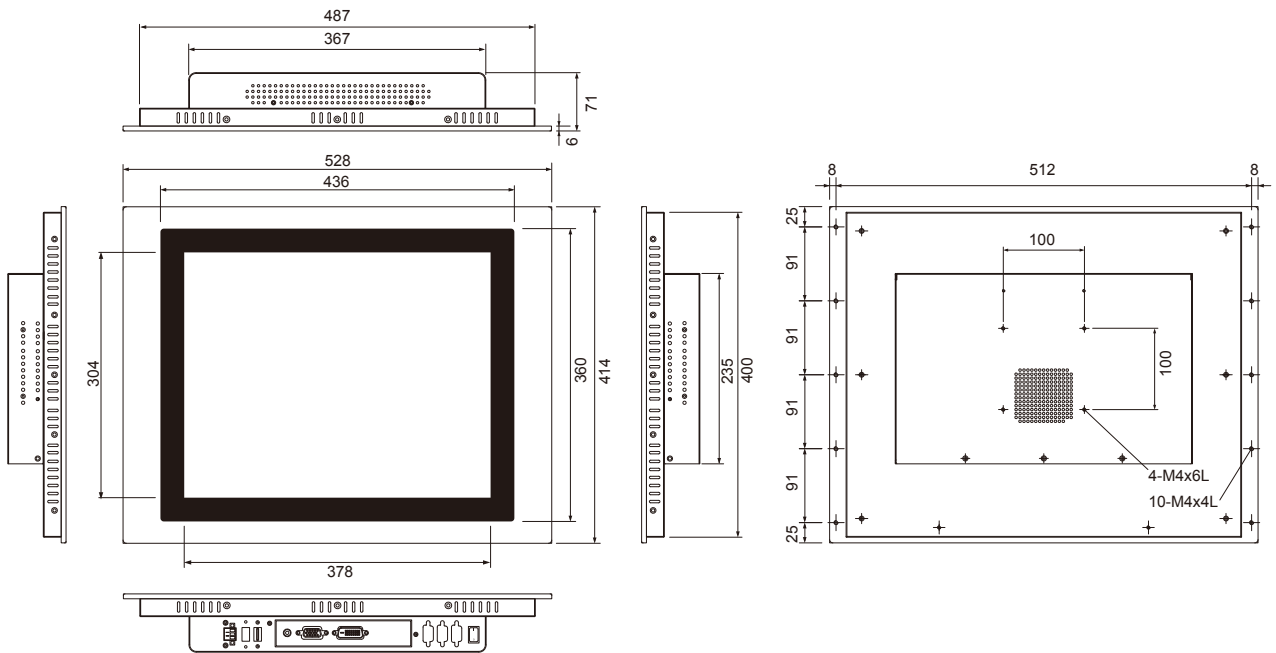




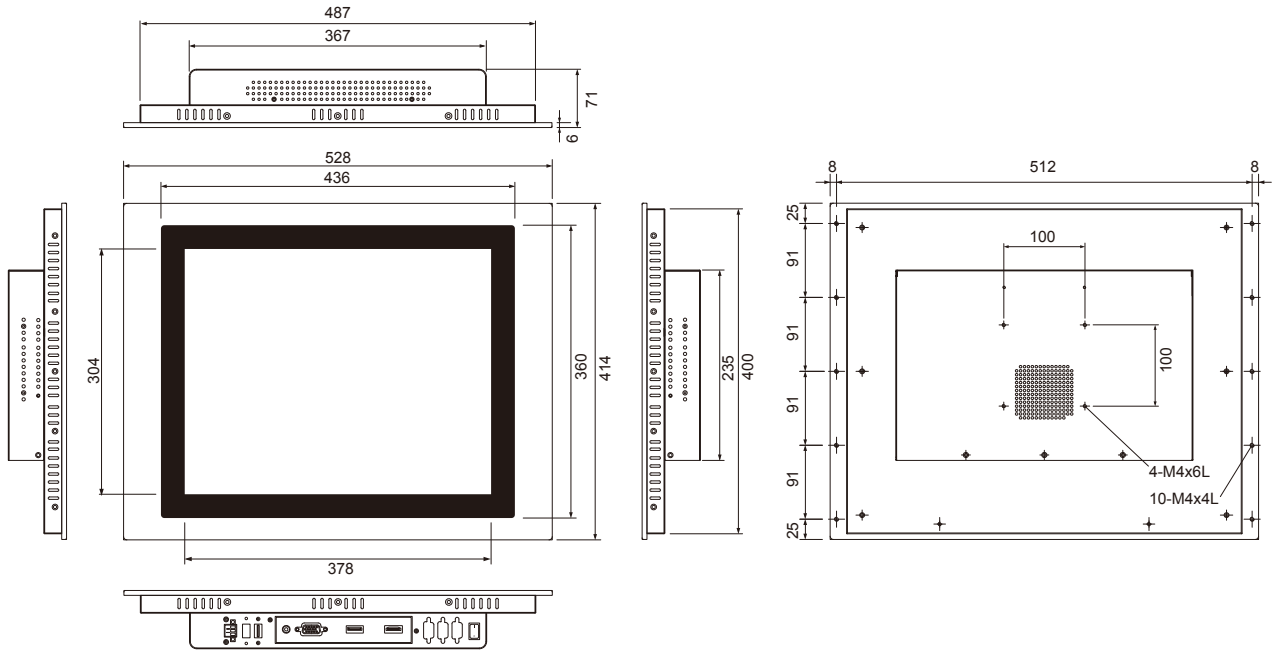
**TM170PW04, TM170RW04**



**TM190PW03, TM190RW03**



**TM190PW04, TM190RW04**



*\*Specifications are subject to change without notice.*