

# Full IP65 Chassis LCD

## 17" with optical bonding(Moisture Prevention)

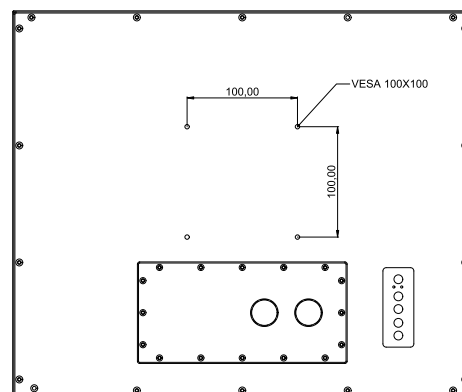
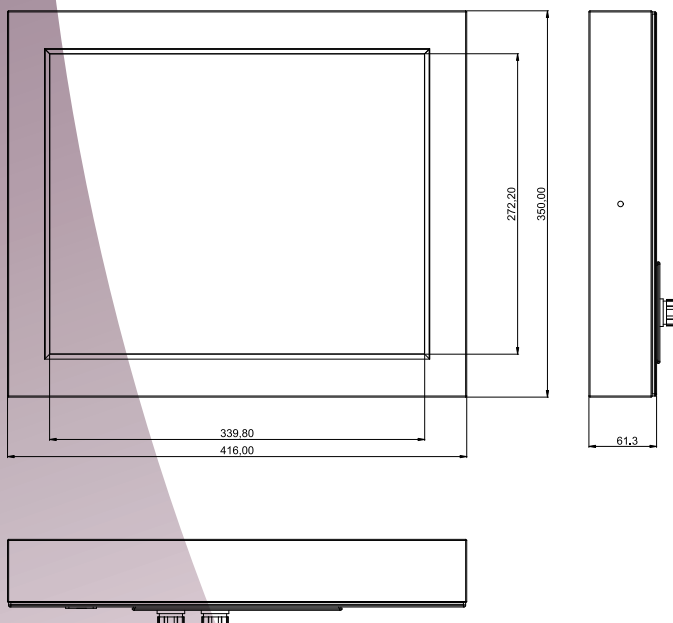
### Specifications



|                                  |                                                                                                                                |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Model Name                       | R17L500-65M1-1                                                                                                                 |
| Viewable Size Image              | 17"                                                                                                                            |
| Active Display Area(mm)          | 337.92 (H) x 270.34 (V)                                                                                                        |
| Pixel Pitch(mm)                  | 0.264 (H) x 0.264 (V)                                                                                                          |
| Number of Pixels                 | 1080x1024                                                                                                                      |
| Contrast Ratio                   | 800:1(typ.)                                                                                                                    |
| Display Color                    | 16.7M(6bit+FRC)                                                                                                                |
| Brightness(cd/m <sup>2</sup> )   | 300(typ.)                                                                                                                      |
| Viewing Angle(CR>=10)            | -80~80(H);-80~80(V)(typ.)                                                                                                      |
| Synchronization Range            |                                                                                                                                |
| Horizontal/Vertical              | 31.5~80.0KHz / 60~75Hz                                                                                                         |
| Recommended Resolution           | 1280x1024@60HZ,75HZ                                                                                                            |
| Signal Connector                 | 15 pin D-Sub                                                                                                                   |
| I/O                              | 3 pin Power cable(IP65 connector);<br>10 pin VGA cable (IP65 connector);<br>Optional 10 pin RS232 or USB cable(IP65 connector) |
| Power Source                     | DC 12 V                                                                                                                        |
| Power Consumption                | 32W typical, normal operation                                                                                                  |
| Power Management                 | VESA DPMS Compliant                                                                                                            |
| Plug & Play                      | VESA DDC 1/2B                                                                                                                  |
| Optional Touch Screen            | Resistive                                                                                                                      |
| Optional video                   | YES(either touch or glass is a must)                                                                                           |
| protection glass                 | Yes                                                                                                                            |
| (optional, reflection rate<0.5%) |                                                                                                                                |
| Mounting Stand                   | Optional                                                                                                                       |

\*Due to Panel material's deviation, different panel supplier will set different specific variance range to optical characteristics. The factors of time used, Lamp current, Ambient temperature will influence the optical measurements.

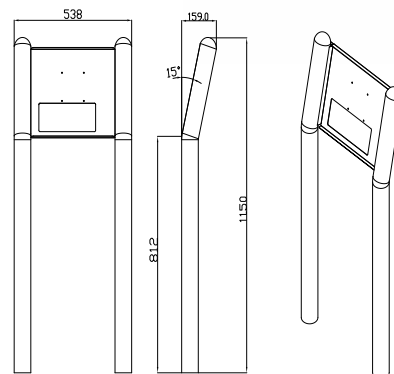
### Mechanical Drawing



Standard:  
brushed stainless

Optional:  
black, high polish, vanished coating

Mounting Stand  
(optional)



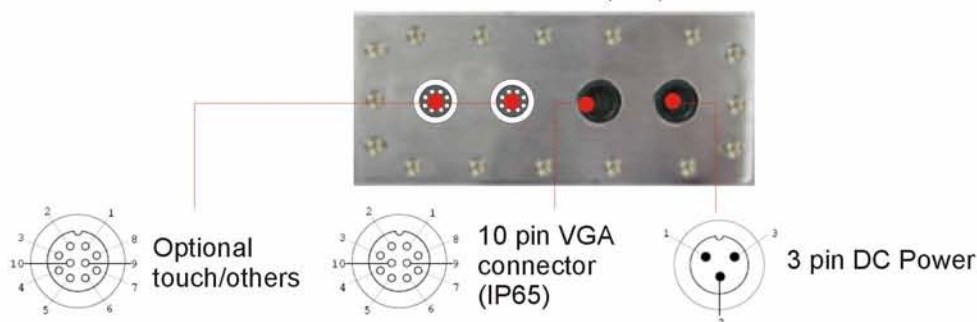
\* Note: this is a simplified drawing and some components are not marked in detail.  
Please contact our sales representative if you need further product information.

| Rev. | Reasons       | Revised Date |
|------|---------------|--------------|
| 1.0  | First release | Aug-25-09    |
|      |               |              |

# Full IP65 Chassis LCD

## IO Layout

### Back Side (I/O)

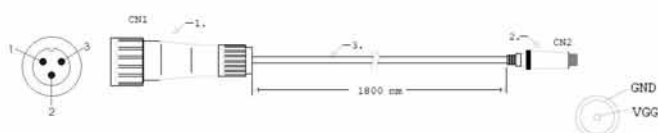


## Cable List

| LCD             | IP65 connector | PC side IO type |
|-----------------|----------------|-----------------|
| DC power        | 3pin           | Female(2.5 fai) |
| USB(optional)   | 10pin          | Male(type A)    |
| RS232(optional) | 10pin          | Female(D-sub 9) |
| VGA             | 10pin          | Male(D-sub 15)  |

## IP65 Cable/Pin Define

### DC Power



| Pin No. | Symbols | Color | Pin No. | Symbols | Color |
|---------|---------|-------|---------|---------|-------|
| CN1-1   | VCC     | Red   | CN2     | VCC     | Red   |
| CN1-3   | GND     | Black | CN1     | GND     | Black |
| CN1-2   | Shield  |       |         | Shield  |       |

### RS232



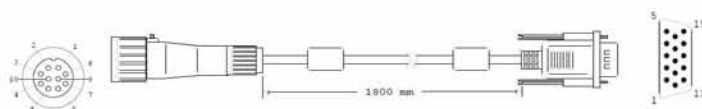
| Pin No. | Symbols  | Color  | Pin No. | Symbols  | Color  |
|---------|----------|--------|---------|----------|--------|
| CN1-1   | DCD-CON2 | Green  | CN2-1   | DCD-CON2 | Green  |
| CN1-2   | DSR-CON2 | Brown  | CN1-6   | DSR-CON2 | Brown  |
| CN1-3   | RXD-CON2 | Red    | CN1-2   | RXD-CON2 | Red    |
| CN1-4   | RTS-CON2 | Orange | CN1-7   | RTS-CON2 | Orange |
| CN1-5   | TXD-CON2 | Blue   | CN1-3   | TXD-CON2 | Blue   |
| CN1-6   | CTS-CON2 | White  | CN1-8   | CTS-CON2 | White  |
| CN1-7   | DTR-CON2 | Purple | CN1-4   | DTR-CON2 | Purple |
| CN1-8   | RI-CON2  | Yellow | CN1-9   | RI-CON2  | Yellow |
| CN1-9   | GND-CON2 | Black  | CN1-5   | GND-CON2 | Black  |
| CN1-10  | NC       |        | CN1-10  | NC       |        |

### USB



| Pin No. | Symbols | Color | Pin No. | Symbols | Color |
|---------|---------|-------|---------|---------|-------|
| CN1-1   | VCC     | Red   | CN2-1   | VCC     | Red   |
| CN1-2   | D-      | White | CN2-2   | D-      | White |
| CN1-3   | D+      | Green | CN2-3   | D+      | Green |
| CN1-4   | GND     | Black | CN2-4   | GND     | Black |
| CN1-5   | Shield  |       |         |         |       |

### VGA



| Pin No. | Symbols | Color  | Pin No. | Symbols | Color  |
|---------|---------|--------|---------|---------|--------|
| 1       | R       | Red    | 1       | R       | Red    |
| 2       | R-GND   | Black  | 6       | R-GND   | Black  |
| 3       | G       | Green  | 2       | G       | Green  |
| 4       | G-GND   | Black  | 7       | G-GND   | Black  |
| 5       | B       | Blue   | 3       | B       | Blue   |
| 6       | B-GND   | Black  | 8       | B-GND   | Black  |
| 7       | SDA     | Yellow | 12      | SDA     | Yellow |
| 8       | HS      | Orange | 13      | HS      | Orange |
| 9       | VS      | White  | 14      | VS      | White  |
| 10      | SCL     | Brown  | 15      | SCL     | Brown  |

| Rev. | Reasons         | Revised Date |
|------|-----------------|--------------|
| 1.1  | Drawing change  | Dec-02-08    |
| 1.2  | IO Print change | Dec-03-08    |
| 1.3  | IO Print change | Dec-22-08    |