

# ECPM Series: IP65 Chassis



IP65 Chassis Mount 9.7" LCD monitor, 1024 x 768, LED 350 nits, VGA input, WV(160°/160°) with Projective Capacitive Touch (1-2mm) USB Controller

**Model: ECPM0970WV-PCT**



## FEATURES HIGHLIGHTS:

- Modularize mechanical design provides flexible product configuration and easy maintenance
- Optional build-in touch screen for interactive application
- Available with auto-brightness sensor offers application in day and night
- VGA connector with optional AV.SV.AV-Looping
- Complete custom design/solution for OEM customers
- IP65 front side sealed for water-dust proof



## SPECIFICATIONS:

|                     |                                                                                          |                                                             |                                                         |
|---------------------|------------------------------------------------------------------------------------------|-------------------------------------------------------------|---------------------------------------------------------|
| Panel               | Cell Type / Glass Surface                                                                | TFT LCD / Black Anti-Glare, low reflection coating          |                                                         |
|                     | Aspect Ratio / Size                                                                      | 4 : 3 / 9.7" viewable diagonal area                         |                                                         |
|                     | Active Area / Pixel Pitch                                                                | 196.608(H) x 147.456(V) mm / 0.192(H) x 0.192(V) mm         |                                                         |
|                     | Native Resolution / Colors                                                               | 1024(H) x 768(V) / 16.2 M                                   |                                                         |
|                     | Brightness / Contrast                                                                    | 350 cd/m <sup>2</sup> (typ) / 600 : 1                       |                                                         |
|                     | Response Time                                                                            | < 35 ms                                                     |                                                         |
|                     | Viewing Angle (typical)                                                                  | H. 160o (- 80o ~ + 80o) , V. 160o(- 80o ~ + 80o)            |                                                         |
|                     | Light Source                                                                             | LED backlight, Long life, 35,000 hrs (typ)                  |                                                         |
| Input Sources       | PC System                                                                                | Signal                                                      | Analog RGB (0.7/1.0 V <sub>p-p</sub> , 75 ohms)         |
|                     |                                                                                          | Sync                                                        | Separate Sync, Composite Sync, Sync On Green            |
|                     |                                                                                          | Frequency                                                   | F <sub>h</sub> : 30 - 82Khz , F <sub>v</sub> : 50 -75Hz |
| Audio System        | 2W speaker x 2                                                                           |                                                             |                                                         |
| Input Terminals     | 1 x VGA (15 Pin Female D-Sub) , 1 x PC Audio (Stereo Headphone Jack) , 1 x DC Power Plug |                                                             |                                                         |
| Convenient Features | Auto Calibration , Back Light Adjustment , Plug&Play (VESA DDC/CI, DDC 2B)               |                                                             |                                                         |
|                     | OSD Multi-Languages , Wall Mount Ready (VESA Dimension - please refer to Drawing)        |                                                             |                                                         |
| Power               | 12V DC in                                                                                |                                                             |                                                         |
| Power Consumption   | Operation / Power Saving                                                                 | 8.3 watt , < 2 watt (Support DPMS)                          |                                                         |
| Operating Condition | Temperature / Humidity                                                                   | 0°C ~ 50°C (32°F ~ 122°F) , 10% ~ 90% (no condensation)     |                                                         |
| Storage Condition   | Temperature / Humidity                                                                   | - 20°C ~ 60°C (- 4°F ~ 140°F) , 10% ~ 90% (no condensation) |                                                         |
| Certification       | FCC , CE                                                                                 |                                                             |                                                         |
| Dimensions          | Physical                                                                                 | Please refer to Drawing                                     |                                                         |
|                     | Carton                                                                                   | W x H x D = TBD                                             |                                                         |
| Weight              | N.W. / G.W.                                                                              | 3 Kgs / 4 Kgs                                               |                                                         |
| Container Loaded    | 20ft / 40ft / 40ft HQ                                                                    | TBD (Sets , By pallet)                                      |                                                         |

| Options | Touch            | Video / TV           | Enhanced Panel           | Others                       |
|---------|------------------|----------------------|--------------------------|------------------------------|
|         | Resistive touch  | SV + AV              | Panel with LED backlight | Digital Signage(Stand alone) |
|         | Capacitive touch | SV + AV + AV_Looping | High brightness panel    | Networking Digital Signage   |
|         | SAW touch        | SV + AV + TV         | Wide Temperature         | Motion Sensor                |
|         | Infrared touch   |                      | Sunlight Readable        | Light Sensor                 |
|         | Protected glass  |                      |                          | Auto-Dimming                 |

**MECHANICAL DRAWING:**

