

# Industrial Open Frame LCD

Industrial Wide screen Open frame, 20" LCD monitor, 1600x900,  
250 nits VGA Input with Resistive Touch USB Controller



**Model: YOPW2000TR**

## FEATURES:

- Modularize mechanical design provides flexible product configuration and easy maintenance
- Optional ultra high brightness panel
- Available with auto-brightness sensor offers application in day and night
- Optional build-in touch screen for interactive application
- Complete custom design/solution for OEM customers

## SPECIFICATIONS:

|                     |   |   |  |                              |
|---------------------|---|---|--|------------------------------|
| Panel               | Cell Type / Glass Surface   | TFT LCD / Black Anti-Glare, low reflection coating          |  |                              |
|                     | Aspect Ratio / Size   | Wide / 20 " viewable diagonal area                          |  |                              |
|                     | Active Area / Pixel Pitch   | 442.8(H) x 249.075(V) mm / 0.284(H) x 0.284(V) mm           |  |                              |
|                     | Native Resolution / Colors  | 1600(H) x 900(V) / 16.7 Million                             |  |                              |
|                     | Brightness / Contrast   | 250 cd/m <sup>2</sup> (typ) / 1000 : 1                      |  |                              |
|                     | Response Time   | 5 ms  |  |                              |
|                     | Viewing Angle (typical)   | H. 170o (- 85o ~ + 85o) , V. 160o(- 80o ~ + 80o)            |  |                              |
|                     | Light Source  | CCFL , Long life, 50,000 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 Amplifier  |  |                              |
| Input Terminals     | 1 x VGA (15 Pin Female D-Sub) , 1 x PC Audio (Stereo Headphone Jack) , 1 x AC Inlet |   |  |                              |
| Convenient Features | Auto Calibration , Back Light Adjustment , Plug&Play (VESA DDC/CI, DDC 2B)          |   |  |                              |
|                     | OSD Multi-Languages , Wall Mount Ready (VESA 100 x 100 mm)                          |   |  |                              |
| Power               | Internal power supply with universal / Auto-Sensing, AC 90 to 260V, 50 / 60 Hz      |   |  |                              |
| Power Consumption   | Operation / Power Saving  | 30 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  | With Flanges(W x H x D) : TBD                               |  |                              |
|                     |   | Without Flanges(W x H x D) : TBD                            |  |                              |
|                     | Carton  | W x H x D = TBD   |  |                              |
| Weight              | N.W. / G.W.   | 5.5 Kgs / 6.5 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                 |

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# MECHANICAL DRAWINGS:

