



# 32" TOUCH SCREEN MONITOR

## 32 inch PCAP Touch Screen Monitor

- Resolution 1920 x 1080
- Projected Capacitive Touch
- Anti-Reflection Treatment
- 2,000 Nits Brightness
- 2000:1 Contrast Ratio
- Operating Temp -20° to +50° C



## UICO TOUCH SCREEN OFFERING FULL-COLOR DISPLAY BRINGS ENHANCED USER EXPERIENCE TO APPLICATIONS

- US Based Engineering and Operations
- Global Personnel & Partners
- Over 10 Million Touchscreen Solutions Shipped

Phone: (630) 592-4400

Designed specifically to address the unique needs of the market, UICO's 32" Touch Screen Monitor features:

- 8 bit, 16.7M Color Depth
- QWP Polarizer / OCR Type Direct Bonding
- Wide Operating Temperatures (-20 ~ +40° C) in direct sunlight  
(-20 ~ +50° C) w/o direct sunlight

**10 Point Multi Touch**

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|                           |                                                                                |
|---------------------------|--------------------------------------------------------------------------------|
| <b>Active Screen Size</b> | 31.55 inches (81.28mm) diagonal                                                |
| <b>Panel Type</b>         | LG Display FHD Panel                                                           |
| <b>Resolution</b>         | 1920 horiz. by 1080 vert. Pixels, RGB stripe arrangement                       |
| <b>Luminance ,white</b>   | 2000 nit ( Center 1point, Typical ) (Min 1800nit)                              |
| <b>Color Gamut</b>        | NTSC 68%(Min.) / 72%(Typ.)                                                     |
| <b>Color Depth</b>        | 8-bit(D), 16.7 Million colors                                                  |
| <b>Contrast Ratio</b>     | 2000:1(Typical)                                                                |
| <b>Response time</b>      | 6ms(G to G <sub>8</sub> ), 9ms(Gray to Gray(BW))                               |
| <b>Back Light</b>         | Edge LED Backlight Unit                                                        |
| <b>Surface Treatment</b>  | Anti-Reflection treatment of the front glass<br><b>OCR Type Direct Bonding</b> |
| <b>Touch Type</b>         | Advanced In-Cell Touch                                                         |
| <b>Active Touch Area</b>  | Same as LCD Active Area                                                        |
| <b>Multi Touch Point</b>  | 10 Points                                                                      |

### Physical

|                          |                                  |
|--------------------------|----------------------------------|
| <b>Outline Dimension</b> | 763.4(H) x 465.0(W) x 55.8(D) mm |
| <b>Bezel</b>             | U/D : 30.7mm, L/R : 34.3 mm,     |
| <b>Weight</b>            | 20 kg                            |

### Packing

|                          |                                  |
|--------------------------|----------------------------------|
| <b>Outline Dimension</b> | 912.5(H) x 605.5(W) x 22.4(D) mm |
| <b>Weight</b>            | 23KG                             |

### Power

|                          |                  |                    |
|--------------------------|------------------|--------------------|
| <b>Power Consumption</b> | Normal Operation | <b>120W (Max)</b>  |
| <b>Power Supply</b>      | AC Voltage       | 100~240V , 50/60Hz |

### Environmental Requirements

|                              |                                                                     |
|------------------------------|---------------------------------------------------------------------|
| <b>Operating Temperature</b> | <b>-20 - 40 ℃(Direct Sunlight), -20 - 50 ℃(W/O Direct Sunlight)</b> |
| <b>Operating Humidity</b>    | 10 – 90%                                                            |



## SALES CONTACT

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☎ **630.592.4400**  
[www.uico.com](http://www.uico.com)

**CORPORATE HEADQUARTERS**  
Elmhurst, IL USA 60126

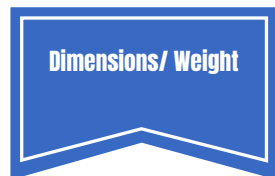




**duraTOUCH®**  
The only all-weather touch

# 32" PCAP Touch Screen Monitor

|                  |                      |                                                        |                                               |
|------------------|----------------------|--------------------------------------------------------|-----------------------------------------------|
| Main Board       | ChipSet              | MSD3683                                                |                                               |
|                  | OSD Language         | English (French, Spanish, Deutsch, Italiano, русский)  |                                               |
|                  | Video Input          | DP                                                     | 480i, 480p, 720p, 1080i, 1080p                |
|                  |                      | HDMI                                                   | 480i, 480p, 720p, 1080i, 1080p                |
|                  |                      | Component(mini)                                        | 480i, 480p, 720p, 1080i, 1080p                |
|                  |                      | CVBS(mini)                                             | 480i, 576i                                    |
|                  | Audio Output         | SPDIF, Earphone                                        |                                               |
|                  | Panel Resolutions    | Support up to 8-bits dual LVDS FULL HD Panel interface |                                               |
|                  | Ambient Light Sensor | Yes                                                    |                                               |
|                  | Input Terminal       | DP                                                     | DP                                            |
| HDMI             |                      | 2 HDMI (Ver1.4), HDCP 1.2, CEC, ARC(HDMI)              |                                               |
| USB              |                      | S/W Update, Multimedia play                            |                                               |
| ALS              |                      | External Ambient Light Sensor                          |                                               |
| Output Terminal  | SPDIF                | Optical fiber                                          |                                               |
|                  | Earphone             | 3.5mm jack                                             |                                               |
| Monitoring Board | I/O Port             | LAN                                                    | RJ45 Ethernet Port (Control Monitoring Board) |
|                  |                      | RS232                                                  | 3.5mm jack (Control Monitoring Board)         |
|                  | Function             | Temp Sensor                                            | 3EA                                           |
|                  |                      | Humi Sensor                                            | 1EA                                           |
|                  |                      | Gyro Sensor                                            | Impact                                        |



|                     |                                                                                  |           |
|---------------------|----------------------------------------------------------------------------------|-----------|
| Outline Dimension   | Horizontal                                                                       | 763.4 mm  |
|                     | Vertical                                                                         | 465.0 mm  |
|                     | Depth                                                                            | 55.8 mm   |
| Active Display Area | Horizontal                                                                       | 710.2 mm  |
|                     | Vertical                                                                         | 406.45 mm |
| VESA Size           | 200(H) x 200(V), VESA SCREW - M8                                                 |           |
| Weight              | 20.0 Kg                                                                          |           |
| Surface Treatment   | Anti-Reflection treatment of the front glass<br>With QWP / <b>Direct Bonding</b> |           |

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| No. | Test Item             | Test Condition                                                                                     |
|-----|-----------------------|----------------------------------------------------------------------------------------------------|
| 1   | Operating Temperature | Typ. 25 °C (-20 °C ~ 50 °C)<br>-20 ~ 40 °C (Direct Sunlight),<br>-20 ~ 50 °C (W/O Direct Sunlight) |
| 2   | Operating Humidity    | Max 80%                                                                                            |
| 3   | Storage Temperature   | Min -20 °C / MAX 60 °C                                                                             |
| 4   | Storage Humidity      | Max 85%                                                                                            |



| Port                 | Bottom | Rear Box |      |       | Remarks        |
|----------------------|--------|----------|------|-------|----------------|
|                      |        | Top      | Left | Right |                |
| DP                   |        | O        |      |       | Main Board Use |
| HDMI                 |        | x2       |      |       |                |
| Mini Component       |        | O        |      |       |                |
| Mini CVBS            |        | O        |      |       |                |
| SPDIF (Optical out)  |        | O        |      |       |                |
| Audio Out (Earphone) |        | O        |      |       |                |
| External ALS In      |        | O        |      |       |                |
| USB                  |        | O        |      |       | Monitoring Use |
| Ethernet             |        | O        |      |       |                |
| RS232C(3.5mm jack )  |        | O        |      |       | Andoid Use     |
| USB                  |        |          | O    |       |                |
| Ethernet (100Mbps)   |        |          | O    |       |                |
| Wifi/BT ANT          | O      |          |      |       |                |



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