

UICO Standard Touchscreen Solutions

UICO offers a range of [ready-made](https://www.uico.com/capacitive-touch-screens) duraTOUCH® touch screen solutions including our most popular 19”, 21.5”, 23.8”, 27”, 32” touchscreens listed below. Complete solutions are available to meet your needs including touchscreen, cover lens, LCD, and optical bonding services. 

**TECHNICAL SPECIFICATIONS**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Nominal Diagonal Size** | **19” (482.6mm)** | **21.5” (546.1mm)** |  **23.8”****(604.52mm)** |  **27” (685.8mm)** |  **32” (812.8mm)** |  |
| **MECHANICAL** |  |  |  |  |  |  |
| **Outer Dims (mm)** | 411 x 337 | 518.4 x 321.1 | 588 x 351 | 639.95 x 389.16 | 753.7 x 449 |  |
| **Visible Area (mm)** | 375 x 300 | 476 x 268 | 527 x 296.5 | 598 x 336.5 | 699 x 393 |  |
| **Active Area (mm)** | 377.8 x 302.8 | 478.4 x 270.4 | 529.8 x 299.3 | 600.8 x 339.3 | 702 x 396 |  |
| **Op Temp Range** | -20°C to 70°C | -20°C to 70°C | -20°C to 70°C | -20°C to 70°C | -20°C to 70°C |  |
| **RH Range** | 5% - 95%Non-Cond | 5% - 95%Non-Cond | 5% - 95%Non-Cond | 5% - 95%Non-Cond | 5% - 95%Non-Cond |  |
| **Cover Lens Thickness** | 3mm | 3mm | 3mm | 3mm | 3mm |  |
| **Cover Lens Coatings** | Polished | Polished | Polished | Polished | Polished |  |
| **CL Ink Border** | Yes- Black | Yes- Black | Yes- BlackOrLED light ring | Yes- BlackorLED Light Ring | Yes- BlackOrLED Light Ring |  |
| **ELECTRICAL** |  |  |  |  |  |  |
| **VDD Analog Power** | 5V | 5V | 5V | 5V | 5V |  |
| **Number of Touches** | 10 | 10 | 10 | 10 | 10 |  |
| **Comm. Protocol** | USB HIDSerial RS232 | USB HIDSerial RS232 | USB HIDSerial RS232 | USB HIDSerial RS232 | USB HIDSerial RS232 |  |
| **Controller** | Chip on board | Chip on board | Chip on board | Chip on board | Chip on board |  |
| **DISPLAY OPTIONS:** | **Note:** Various Industrial LCDs are available in each size, or a customer selected LCD can be used. LCD/Touchscreen Bonding solutions may also be available. Call us for details and possible options. |

Note: Technical Specs are subject to change. Please check with our UICO Sales team for latest details and additional size offerings.