



## UICO Standard Touchscreen Solutions

UICO offers a range of ready-made duraTOUCH® touch screen solutions including our most popular 4.3", 7", 8", 10.1", 12.1", and 15.6" 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	4.3" (109.22mm)	7" (177.8mm)	8" (203.2mm)	10.1" (256.5mm)	12.1" (307.3mm)	15.6" (396.2mm)
<b>MECHANICAL</b>						
Outer Dims (mm)	113.0 x 71.9	179.6 x 120.8	187.9 x 113.5	266.7 x 179.6	191.5 x 282.5	363.24 x 213.51
Visible Area (mm)	93.7 x 52.6	154.1 x 92.5	176.6 x 99.4	220.7 x 133.6	164.0 x 262.0	352.34 x 201.78
Active Area (mm)	95 x 53.9	154.3 x 91.7	173.1 x 94.9	222.7 x 135.6	260.6 x 162.5	344.23 x 193.59
Op Temp Range	-40°C to 85°C	-40°C to 85°C	-40°C to 85°C	-40°C to 85°C	-40°C to 85°C	-40°C to 85°C
RH Range	5% - 95% Non-Cond	5% - 95% Non-Cond	5% - 95% Non-Cond	5% - 95% Non-Cond	5% - 95% Non-Cond	5% - 95% Non-Cond
Cover Lens Thickness	1.1mm or 3mm	1.1mm	3.2mm	1.1mm	1.8mm	4mm
Cover Lens Coatings	1.1- None 3.0- AR, AFP	AR, AFP	None	None	None	None
CL Ink Border	Yes- Black	Yes- Black	Yes- Black	Yes- Black	Yes- Black	Yes- Black
<b>ELECTRICAL</b>						
VDD Analog Power	5V ±1%	5V ±1%	5V ±1%	5V ±1%	5V ±1%	5V ±1%
VDDIO Digital Power			1.8V -5V			1.8V -5V
Comm. Protocol	I <sup>2</sup> C or USB	I <sup>2</sup> C or USB	I <sup>2</sup> C	I <sup>2</sup> C or USB	I <sup>2</sup> C	I <sup>2</sup> C
TS Output	8-Pin FPC Tail	8-Pin FPC Tail	12-Pin FFC Conn	10-Pin FPC Tail	8-Pin FFC Conn	12-Pin FPC Tail
<b>DISPLAY SPECS</b>						
	Note: Various Industrial LCDs are available in each size or a Customer selected LCD can be used. Call us for LCD options.					
Active Area (mm)	92.9 x 52.6	154.2 x 85.9	176.6 x 99.4	217 x 135.6	261.1 x 163.2	344.2 x 193.5
Resolution	480 x 272	1024 x 600	1280 x 720	1280 x 800	1280 x 800	1366 x 768
Brightness	750 nits	1000 nits	1000 nits	1000 nits	700 nits	1250 nits
Op Temp Range	-40°C to 85°C	-20°C to 70°C	-30°C to 85°C	-20°C to 70°C	-30°C to 80°C	-30°C to 80°C
Size (mm)	102.5W x 69H x 9.8D	164.9W x 100H x 21.3D	192.8W x 116.9H x 9.9D	231W x 154.4H x 5.7D	278W x 184H x 8.6D	363.8W x 215.9H x 12.7D
Aspect Ratio	17:10	17:10	16:9	16:9	16:10	16:9
Comm Interface	RGB	HDMI	LVDS	LVDS	LVDS	LVDS
Color	8 bit	8 bit	8 bit	8 bit	8 bit	6bit/8bit

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