

# Choosing a Touch Panel Technology



	<i>Four-Wire Resistive</i>	<i>Five-Wire Resistive</i>	<i>Pen Touch</i>	<i>Capacitive</i>	<i>Surface Wave (Saw)</i>	<i>Infrared (Ir)</i>
<b>PRODUCT SIZE</b>	1.7" - 24"	10.4" - 24"	15" - 19"	12" - 24"	10.4" - 30"	10.4" - 42"
<b>TOUCH LIFE</b>	1 - 2 million touches	30 - 35million touches	100 million touches	100 million touches	50 million touches	Long-term reliability
<b>RESOLUTION</b>	4096x4096 1024x1024	1024x1024	1024x1024	1024x1024	4096x4096	4096x4096
<b>LIGHT TRANSMISSION</b>	81%	81%	93%	93%	90%	90%
<b>SCRATCH RESISTANCE</b>	Hard Coated	Hard Coated	Hard Coated (SiO <sup>2</sup> )	Hard Coated (SiO <sup>2</sup> )	Glass Overlay Moh's hardness rating of 7	Glass Overlay Moh's hardness rating of 7
<b>CONTAMINANT RESISTANCE</b>	Resists moisture, dirt, vinegar, ammonia based food products and cleansers	Resists moisture, dirt, vinegar, ammonia based food products and cleansers	May be affected vinegar, ammonia based food products and cleansers	May be affected vinegar, ammonia based food products and cleansers	Resists moisture, dirt, vinegar, ammonia based food products and cleansers	Resists moisture, dirt, vinegar, ammonia based food products and cleansers
<b>INPUT METHOD</b>	Finger, Gloved Hand, Stylus	Finger, Gloved Hand, Stylus	Stylus Pen	Finger	Finger, Gloved Hand, Soft pliable stylus	Finger, Gloved Hand, Stylus
<b>WARRANTY</b>	1 year	5 years	5 years	5 years	10 years	5 years
<b>CONTROLLER</b>	USB, RS232	USB, RS232	USB, RS232	USB, RS232	USB, RS232	USB, RS232
<b>SEALABILITY</b>	IP65	IP65	IP65	IP65	IP64	IP65

*Note: While this chart presents general characteristics of the different touch screen technologies, variations can occur in manufacturer-specific models.*

**Call 1 300 661 022 for more information.**

