



OPTICAL TOUCH DISPLAYS

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## SPECIFICATIONS

Model	M32S1-T	M40S1-T	M46S1-T	M55S1-T	M65S1-T	M70S1-T	M82S1-T
<b>Display Screen Size</b>	32"	40"	46"	55"	65"	70"	82"
<b>Product Size: mm (H x V x D)</b>	763.6 x 453.6 x 96.3	956 x 555 x 98.7	1087 x 631 x 99.2	1329 x 788 x 104.4	1512.4 x 882.4 x 106.5	1715 x 1037 x 145.6	1953 x 1163 x 169.1
<b>Display Size: mm (H x V)</b>	697.67 x 392.25	887.17 x 499.66	1020.35 x 574.54	1209 x 680	1428.48 x 803.52	1553.6 x 875.6	1805.76 x 1015.74
<b>Pixel Pitch: mm (H x V)</b>	0.51075 x 0.1075	0.461 x 0.461	0.530 x 0.530	0.600 x 0.600	0.700 x 0.700	0.807 x 0.807	0.9405 x 0.9405
<b>Resolution</b>	1366x768	1920x1080	1920x1080	1920x1080	1920x1080	1920x1080	1920x1080
<b>Brightness</b>	450 cd/m <sup>2</sup>	500 cd/m <sup>2</sup>	450 cd/m <sup>2</sup>	450 cd/m <sup>2</sup>	500 cd/m <sup>2</sup>	600 cd/m <sup>2</sup>	600 cd/m <sup>2</sup>
<b>Contrast Ratio - Typical</b>	5000:1	5000:1	4000:1	5000:1	5000:1	2000:1	2000:1
<b>Viewing Angle</b>	178°	178°	178°	178°	178°	178°	178°
<b>Colors</b>	16.7M	16.7M	16.7M	16.7M	16.7M	16.7M	16.7M
<b>Touch accuracy</b>	±1.5mm, over 90% of the touch sensitive area USB reported touch resolution 32767 x 32767	±1.5mm, over 90% of the touch sensitive area USB reported touch resolution 32767 x 32767	±1.5mm, over 90% of the touch sensitive area USB reported touch resolution 32767 x 32767	±1.5mm, over 90% of the touch sensitive area USB reported touch resolution 32767 x 32767	±1.5mm, over 90% of the touch sensitive area USB reported touch resolution 32767 x 32767	±1.5mm, over 90% of the touch sensitive area USB reported touch resolution 32767 x 32767	±1.5mm, over 90% of the touch sensitive area USB reported touch resolution 32767 x 32767
<b>Response Speed</b>	≤16ms	≤16ms	≤16ms	≤16ms	≤16ms	≤16ms	≤16ms
<b>Input Method</b>	Finger, gloved hand, or any other pointer	Finger, gloved hand, or any other pointer	Finger, gloved hand, or any other pointer	Finger, gloved hand, or any other pointer	Finger, gloved hand, or any other pointer	Finger, gloved hand, or any other pointer	Finger, gloved hand, or any other pointer
<b>Touch durability</b>	Unlimited	Unlimited	Unlimited	Unlimited	Unlimited	Unlimited	Unlimited
<b>Sampling rate</b>	180 ppi/sec	180 ppi/sec	180 ppi/sec	180 ppi/sec	180 ppi/sec	180 ppi/sec	180 ppi/sec
<b>Touch Activation Force</b>	No pressure required	No pressure required	No pressure required	No pressure required	No pressure required	No pressure required	No pressure required
<b>Minimum Touch Object</b>	2mm	2mm	2mm	2mm	2mm	2mm	2mm
<b>Surface Durability</b>	Surface durability is that of glass, Mohr's hardness rating of 7	Surface durability is that of glass, Mohr's hardness rating of 7	Surface durability is that of glass, Mohr's hardness rating of 7	Surface durability is that of glass, Mohr's hardness rating of 7	Surface durability is that of glass, Mohr's hardness rating of 7	Surface durability is that of glass, Mohr's hardness rating of 7	Surface durability is that of glass, Mohr's hardness rating of 7
<b>Light Transmission</b>	≥ 92%, up to 100% (no glass)	≥ 92%, up to 100% (no glass)	≥ 92%, up to 100% (no glass)	≥ 92%, up to 100% (no glass)	≥ 92%, up to 100% (no glass)	≥ 92%, up to 100% (no glass)	≥ 92%, up to 100% (no glass)
<b>Swipe Control</b>	Support	Support	Support	Support	Support	Support	Support
<b>Operation System</b>	Windows 7, Windows XP, Windows 2000	Windows 7, Windows XP, Windows 2001	Windows 7, Windows XP, Windows 2002	Windows 7, Windows XP, Windows 2003	Windows 7, Windows XP, Windows 2004	Windows 7, Windows XP, Windows 2005	Windows 7, Windows XP, Windows 2006
<b>Colour Temperature - Degrees Kelvin</b>	10000 K	10000K	10000K	10000K	10000K	10000K	10000K
<b>Life Time</b>	50000 hours	50000 hours	50000 hours	50000 hours	50000 hours	50000 hours	50000 hours
<b>Power Consumption</b>	120W	240W	260W	350W	350W	800W	1080W
<b>Input Power Voltage</b>	AC 110-240 V (50Hz-60Hz)	AC 110-240 V (50Hz-60Hz)	AC 110-240 V (50Hz-60Hz)	AC 110-240 V (50Hz-60Hz)	AC 110-240 V (50Hz-60Hz)	AC 110-240 V (50Hz-60Hz)	AC 110-240 V (50Hz-60Hz)
<b>Input Signal</b>	Video, VGA, DVI, RGBHV	Video, VGA, DVI, RGBHV	Video, VGA, DVI, RGBHV	Video, VGA, DVI, RGBHV	Video, VGA, DVI, RGBHV	Video, VGA, DVI, RGBHV	Video, VGA, DVI, RGBHV
<b>Output Signal</b>	Video	Video	Video	Video	Video	Video	Video
<b>Control Signal</b>	RS232 IN - DB9 (female) RS232 OUT - DB9 (male)	RS232 IN - DB9 (female) RS232 OUT - DB9 (male)	RS232 IN - DB9 (female) RS232 OUT - DB9 (male)	RS232 IN - DB9 (female) RS232 OUT - DB9 (male)	RS232 IN - DB9 (female) RS232 OUT - DB9 (male)	RS232 IN - DB9 (female) RS232 OUT - DB9 (male)	RS232 IN - DB9 (female) RS232 OUT - DB9 (male)
<b>Built In Tiling Software</b>	Yes	Yes	Yes	Yes	Yes	Yes	Yes

### CONNECTION LAYOUT

The USB connection is for Service use only and the RJ45 connection is for a wired remote

