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L Series

Infrared touchscreen



L-Series touchscreen instantly turns LCD/PLASMA/front/rear projection monitor into interactive display. Unlike most other technologies, the Infrared based design offers superb image clarity. The original image quality is preserved because there is no film in front of the display. After a simple installation, the screen can be operated with either a finger, with or without glove or a pen. Infrared technology can scale in size up to 150" in diagonal. Features like no drift, scratch proof, water proof, dust proof, sunlight operability present the IRTOUCH touch screen an ideal choice for interactive presentation, classroom whiteboard, command center, public venue kiosks, info center directory, and many other interactive applications.

Size (Inch)	Model	Touchscreen Thickness (mm)	Touch Active Area			Outside Dimensions		Drawing
			Height (mm)	Width (mm)	Diagonal (mm)	Height (mm)	Width (mm)	
24	L24	12.2	324	518.4	611.3	416	592	L24View
27	L27	12.2	336	597	685.1	408	669	L27View
30	L30	12.2	406	646	763	478	718	L30View
32	L32	12.2	407	721	827.9	479	793	L32View
37	L37	12.2	461	820	940.7	533	892	L37View
40	L40	12.2	498	885.5	1015.9	570	958	L40View
42	L42	12.2	532	934	1074.9	604	1006	L42View
46	L46	12.2	573.5	1019.5	1169.7	651	1096	L46View
47	L47	12.2	592	1048	1203.6	664	1120	L47View
50	L50	12.2	623	1107	1270.3	695	1179	L50View
52	L52	12.2	652	1155	1326.3	724	1227	L52View
55	L55	12.2	685	1214	1393.9	757	1286	L55View
58	L58	12.2	723	1287	1476.2	795	1359	L58View
60	L60	12.2	751	1330	1527.4	823	1402	L60View
61	L61	12.2	929	1239	1548.6	1021	1331	L61View
63	L63	12.2	804	1414	1626.6	876	1486	L63View
65	L65	12.2	1005	1340	1675	1077	1412	L65View
84	L84	12.2	1280	1706	2132.8	1380	1806	L84View
100	L100	12.2	1524	2032	2540	1596	2104	L100View
103	L103	12.2	1277	2269	2603.7	1349	2341	L103View
110	L110	12.2	1359	2416	2772	1431	2488	L110View
150	L150	12.2	2286	3048	3810	2358	3120	L150View

Benefits:

- Vandal proof, scrape-resistant
- Maintenance free, longer life expectancy
- Fault tolerance design to ensure reliability
- Versatile touch object
 - Super transparency
 - Integrated controller
 - Disassembled

Typical Applications:

- Video conference system
- Command center
- Mall kiosks
- Public venue directory
- Interactive advertising
- Hotel entertainment center
- Weather forecast

Size

General Size	32" to 84"
Customized Size	22" to 150"
Fit in with	Panel display device

Performance

Resolution (Interpolation)	4096*4096
Linearity Error	1.5mm

Mechanical

Input Method	Finger, gloved hand or opaque object
Touch Times	Unlimited
Touch Activation Force	No minimum touch activation force is required with IR touch technology
Minimum Touch Object	8mm
Vandal-proof	No break by steel ball (1.040kg, 63.5mm diameter) dropping from 1040mm high
Surface Durability	Surface durability is that of glass, Mohs' hardness rating of 7

Optical

Light Transmission	≥92%, up to 100% (no glass)
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Environmental

Temperature	Operating: -20°C~70°C Storage: -40°C~80°C
Relative Humidity	Operating: 90% RH (non condensing at max 40°C) Storage: 90%RH (non condensing at max 40°C)
Altitude	Up to 3,000m
Life Time	At least 7-year

Electrical

Operation Voltage	Typical +DC 5V, +4.75V to +5.25V
Power Supply	USB or PS/2 Interface, power ripple max. 200mV rms
Power	<2W, operating current <400mA
Agency Approvals	CE, FCC Class B
Interface	USB/EIA-232E
Operation System	Windows7\Vista\XP\2003\2000\CE, Linux, MacOS

Ile-de-France

ZAC des Radars
7 rue Jean-Jacques Rousseau
91350 GRIGNY
Tel : (33) 01.69.06.17.90
Fax : (33) 01.69.43.37.32

Sud-Ouest

ZI du Casque
2 rue Jean-Baptiste Senderens
31270 CUGNAUX
Tel : (33) 05.61.06.82.10
Fax : (33) 05.61.06.79.88

Montpellier

Parc d'activités « La Tuilerie »
7 rue Gaston Planté
34790 GRABELS
Tel : (33) 04.99.233.233
Fax : (33) 04.99.233.239