

SPECKTRON

Interactive LED Display

The ideal solution for any education or corporate environment





Wireless



Finger Touch



Pen Touch



Embedded PC



Tough Screen

Multi-Touch

The Specktron **LED** comes with Multi-Touch feature which is an effective presentations tool for showing pictures, data, presentations, thoughts, ideas and business forecasts interactively. Engage the audience in the action with direct computer control to capture even the most subtle intricacy.



Toughened Glass

The Specktron **LED** comes with toughened anti glare glass which is as per level 7 MOHS standard for improved durability.

In-Built Android System

The Specktron **LED** comes pre installed with Android with built in apps to make your meetings, conferences and trainings more interactive. It features a browser, file explorer and annotation software.



Gesture annotation

The Specktron **LED's** come with a unique feature which allows users to annotate on any of the inputs with a two finger gesture. These annotations can be made without the need for any USB connections.



SPECKTRON



INTEGRATED
SPEAKERS



ANTI GLARE
GLASS



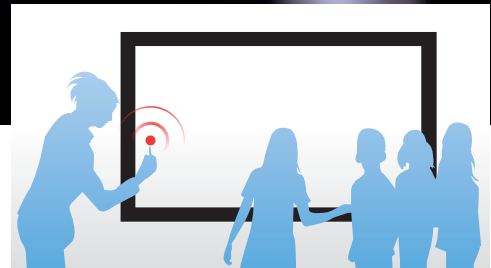
LOW POWER
CONSUMPTION



EASY
SETUP



FINGER
TOUCH



Front USB Connectivity

Specktron **USB**'s are equipped with front USB connections for easy access. These are available for both Windows and Android platform.



Flexibility




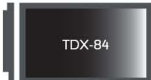

Specktron **LED**'s can function independently without an inbuilt PC / external computer since the Android system is available at all times. Users can view presentations, documents, images and videos and annotate on the screen. In the unlikely case of PC failure, this feature ensures continuity of a classroom / training session.

Connectivity

Users have a choice of using Android, Embedded PC running windows, external computers and various other devices because of the host of connectivity options that the LED comes equipped with.

Software

Feature packed interactive intelligent software which enables users to write, draw and present. Users can switch seamlessly between writing, drawing and moving objects with a finger, stylus or pointer. The LED supports collaborative software's within any education, corporate or professional teaching or training environment.

					
DISPLAY					
Screen Type	LED	LED	LED	TFT LED	TFT LED
Display Area	1209.6 (H)*680.4(V)	1428.48mm(H)*803.52mm(V)	1650.24 (H) * 928.26(V)	1860.48 (H) x 1046.52 (V)	2158.85 (H) x 1214.35 (V)
Resolution	1920(H)*1080(V)	1920(H)*1080(V)	1920(H)*1080(V)	3840(H)*2160(V)	3840(H)*2160(V)
Brightness	350 cd/m2	350 cd/m2	400 cd/m2	350 cd/m ² *	500 cd/m ² *
Contrast	1200:1	1400:1	5000:1	1600:1 *	1300:1 *
Response Time	6ms	6ms	6ms*	8ms*	5ms*
Number of Color	16.7M (8-bit)	16.7M (8-bit)	16.7M (8-bit)*	1.07Billion (10-bit)*	1.07Billion (10-bit)*
Refreshing Frequency	60Hz	60Hz	120Hz	120Hz	120Hz
View Angle	178°	178°	178°	178/178	178/178
TOUCH SYSTEM					
Sensing Type	Infrared System (5 points writing and 10 points touch)	Infrared System (5 points writing and 10 points touch)	Infrared System (5 points writing and 10 point touch)	Infrared System (Multi Touch)	Infrared System (Multi Touch)
Response Time	<15ms	<15ms	<15ms	<15ms	<20ms
Response Area	single-touch ≥Φ5mm and multi-touch ≥Φ8mm	single-touch ≥Φ5mm and multi-touch ≥Φ8mm	single touch≥Φ5mm and multi-touch≥8mm	>Φ5mm	>Φ5mm
Output Coordinate	32767 X 32767	32767 X 32767	32767 X 32767	32767 X 32767	32767 X 32767
Communication Mode	Full-speed USB (driver free)	Full-speed USB (driver free)	Full-speed USB (driver free)	Full-speed USB (driver free)	Full-speed USB (driver free)
Surface Protection	Toughened Glass with Level 7 of Mohs Standard	Toughened Glass with Level 7 of Mohs Standard	Toughened Glass with Level 7 of Mohs Standard	Toughened Glass with Level 7 of Mohs Standard	Toughened Glass with Level 7 of Mohs Standard
PC MODULE					
Type	Detachable PC module	Detachable PC module	Detachable PC module	Detachable PC module	Detachable PC module
Processor	Intel Core i5	Intel Core i5	Intel Core i5	Intel Core i5	Intel Core i5
Graphics	Integrated Intel HD	Integrated Intel HD	Integrated Intel HD	Integrated Intel HD	Integrated Intel HD
Sound Card	Integrated High Definition Audio Stereo	Integrated High Definition Audio Stereo	Integrated High Definition Audio Stereo	Integrated High Definition Audio Stereo	Integrated High Definition Audio Stereo
Networking	Integrated 10/100/1000M Adaption	Integrated 10/100/1000M Adaption	Integrated 10/100/1000M Adaption	Integrated 10/100/1000M Adaption	Integrated 10/100/1000M Adaption
Mini Display Port	1	1	1	1	1
Memory	4GB DDR3	4GB DDR3	4GB DDR3	4GB DDR3	4GB DDR3
Hard Drive	500GB SATA	500GB SATA	500GB SATA	500GB SATA	500GB SATA
WIFI	IEEE 802.11a/g/n (2.4GHZ/5GHZ)	IEEE 802.11a/g/n (2.4GHZ/5GHZ)	802.11a/b/g/n (2.4GHZ/5GHZ)	IEEE 802.11a/g/n (2.4GHZ/5GHZ)	IEEE 802.11a/g/n (2.4GHZ/5GHZ)
USB 2.0/3.0	6/2	6/2	5/2	5/2	5/2
HDMI Output	1	1	1	1	1
Earphone Out / Microphone Input	1/1	1/1	1/1	1/1	1/1
Lan Port(RJ45)	1	1	1	1	1
VGA Out	1	1	1	1	1
DISPLAY CONNECTORS					
Speaker Type	Built-in (10W*2)	Built-in (10W*2)	Built-in (10W*2)	Built-in (10W*2)	Built-in (10W*2)
CVBS	1	1	1	1	1
R/L(CVBS)	1	1	1	1	1
VGA Input (15 Pin D-sub)	3	3	3	3	3
HDMI 1080P Input	3	3	3	3	3
VGA Output	1	1	1	1	1
PC-Audio Input	3	3	3	3	3
HDMI 4K2K Input				1	1
Coaxial Digital Audio Output	1	1	1	1	1
Audio Output (Earphone port)	1	1	1	1	1
USB (A) 2.0/3.0	3/1	3/1	3/1	3/1	3/1
USB (B)	1	1	1	1	1
RS232 Control	1	1	1	1	1
RJ45	1	1	1	1	1
ANDROID					
Systems Version	Android 4.0.4	Android 4.2.1	Android 4.2.1	Android 4.2.1	Android 4.2.1
CPU	ARM Cortex A9 Single Core	ARM Cortex A9 Dual Core	ARM Cortex A9 Dual Core	ARM Cortex A9 Dual Core	ARM Cortex A9 Dual Core
GPU	Dual Core	Quad Core	Quad Core	Quad Core	Quad Core
RAM/ ROM	512M / 4GB	1.5G / 8GB	1.5G / 8GB	1.5 GB / 8 GB	1.5 GB / 8 GB
POWER					
Power Requirements	100V-240V AC 50/60HZ	100V-240V AC 50/60HZ	100V-240V AC 50/60HZ	100V-240V AC 50/60HZ	100V-240V AC 50/60HZ
Overall Power Consumption	233.5W	265W	413W	< 500W(typ)	< 650W(typ)
Standby Power Consumption	≤0.5W	≤ 0.5W	≤ 0.5W	≤ 0.5W	≤ 0.5W
SUPPLIED ACCESSORIES					
AC Power Cable/Operating Instructions/Quick Start Guide/Writing Pen/Remote Control/VGA Cable/USB Cable/Application and Driver Disk/Audio Cable					
AMBIENT CONDITIONS					
Operation Temperature	0° C-40° C	0° C-40° C	0° C-40° C	0° C-40° C	0° C-40° C
Operation Humidity	10% - 90%	10% - 90%	10% - 90%	10% - 90%	10% - 90%
Storage Temperature	-20° C - 60° C	-20° C - 60° C	-20° C - 60° C	-20° C - 60° C	-20 C - 60 C
Storage Humidity	10% - 90%	10% - 90%	10% - 90%	10% - 90%	10% - 90%
Dimension L*H*W	1303*98*820(mm)	1522*96*944(mm)	1775*1051*99(mm)	1978.2*1186.7*95(mm)	2257*1335*118(mm)
Dimension(package) L*H*W	1470*230*970(mm)	1695*235*1090(mm))	1940*1240*280(mm)	2170*1370*320(mm)	2450*1555*385(mm)
VESA	400*400 (mm)	400*600(mm)	600*600(mm)	600*600 (mm)	800*600 (mm)
Net Weight	38kg	50kg	85kg	116 kg	150 kg
Gross Weight	48kg	61kg	112kg	146 kg	200 kg
Supportable Stand	ST01	ST01	ST01	ST01/ST12	ST01