

# SPECKTRON

## IDX Series

### Interactive LED Display



High End Interactive Technology

CLASS ROOMS / TRAINING ROOMS / BOARD ROOMS



Wireless



Finger Touch



Pen Touch



Embedded PC



Tough Screen



Anti Glare Screen

IDX-84

IDX-70

IDX-65

IDX-55

DISPLAY				
Screen Type	TFT LED	TFT LED	TFT LED	TFT LED
Display Area	1860(H)*1047(V)	1538.880 (H) x 865.620 (V)	1428.48 (H) x 803.52 (V)	1209.6 (H) x 680.4 (V)
Resolution	3840*2160	1920 x1080	1920 x1080	1920 x1080
Brightness	400 cd/m <sup>2</sup> *	400 cd/m <sup>2</sup> *	400 cd/m <sup>2</sup> *	400 cd/m <sup>2</sup> *
Contrast	4000:1 *	4000:1 *	4000:1 *	4000:1 *
Response Time	4ms*	4ms*	4ms*	4ms*
Number of Color	1.07B (10-bit)*	1.07B (10-bit)*	1.07B (10-bit)*	16.7M (8-bit)*
Refreshing Frequency	100Hz/120Hz*	100Hz/120Hz*	100Hz/120Hz*	100Hz/120Hz*
View Angle	178/178	178/178	178/178	178/178
Service Life	> 80,000 hrs	> 50,000 hrs	> 50,000 hrs	> 50,000 hrs

TOUCH SYSTEM				
Sensing Type	Infrared System-6 Touch	Infrared System-6 Touch	Infrared System-6 Touch	Infrared System-6 Touch
Response Time	<4ms(typ)	<4ms(typ)	<4ms(typ)	<4ms(typ)
Response Area	>Φ5mm	>Φ5mm	>Φ5mm	>Φ5mm
Output Coordinate	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)
Life Time	"Use Auto Power Control (APC) Technology; Life Time over 800,000 hrs"	"Use Auto Power Control (APC) Technology; Life Time over 800,000 hrs"	"Use Auto Power Control (APC) Technology; Life Time over 800,000 hrs"	"Use Auto Power Control (APC) Technology; Life Time over 800,000 hrs"
Surface Protection	Toughened Glass with Level 7 of Mhos Standard	Toughened Glass with Level 7 of Mhos Standard	Toughened Glass with Level 7 of Mhos Standard	Toughened Glass with Level 7 of Mhos Standard

PC MODULE				
Type	Detachable PC module	Detachable PC module	Detachable PC module	Detachable PC module
Processor	Intel Huron River Sandy Bridge i5	Intel Huron River Sandy Bridge i5	Intel Huron River Sandy Bridge i5	Intel Huron River Sandy Bridge i5
Graphics	Integrated	Integrated	Integrated	Integrated
Sound Card	Integrated High Definition AudioStereo	Integrated High Definition AudioStereo	Integrated High Definition AudioStereo	Integrated High Definition AudioStereo
Networking	Integrated IO/100/1000M Adaption	Integrated IO/100/1000M Adaption	Integrated IO/100/1000M Adaption	Integrated IO/100/1000M Adaption
Memory	4G DDRIII	4G DDRIII	4G DDRIII	4G DDRIII
Hard Drive	500G SATA	500G SATA	500G SATA	500G SATA
WIFI	802.11b/g/n (2.4GHZ)	802.11b/g/n (2.4GHZ)	802.11b/g/n (2.4GHZ)	802.11b/g/n (2.4GHZ)
USB(A)	6	6	6	6
Microphone In	1	1	1	1
Earphone Out	1	1	1	1
Lan Port(RJ45)	1	1	1	1
VGA Out	1	1	1	1

DISPLAY CONNECTORS				
Composite Video Input	1	1	1	1
Composite Video Output	1			
"Component Video (Y/Pb/Pr) Input"	1	1	1	1
S-Video (4pin DIN)	1	1	1	1
VGA Input (15pin D-Sub)	2	2	2	2
PC-Audio Input	2	2	2	2
HDMI Connection	2	2	2	2
Digital Audio Output	1	1	1	1
Audio Output	1	1	1	1
USB(A) In	1	1	1	1
USB(B) Touch In	1	1	1	1
RS232	1	1	1	1
Power Amplify	10W*2	10W*2	10W*2	10W*2

POWER				
Power Requirements	100V-240V AC 50/60HZ	100V-240V AC 50/60HZ	100V-240V AC 50/60HZ	100V-240V AC 50/60HZ
Overall Power Consumption	< 150W(typ)	< 150W(typ)	< 250W(typ)	< 250W(typ)
Standby Power Consumption	< 0.5W	< 0.5W	< 0.5W	< 0.5W

**SUPPLIED ACCESSORIES**

AC Power Cable/Operating Instructions/Quick Start Guide/Writing Pen/Remote Control/Batteries/VGA Cable/USB Cable/ Application and Driver Disk

AMBIENT CONDITIONS				
Operation Temperature	0 C-40 C	0 C-40 C	0 C-40 C	0 C-40 C
Operation Humidity	10% - 90% RH	10% - 90% RH	10% - 90% RH	10% - 90% RH
Storage Temperature	-20 C-60 C	-20 C-60 C	-20 C-60 C	-20 C-60 C
Storage Humidity	10% - 95% RH	10% - 95% RH	10% - 95% RH	10% - 95% RH
Dimension L*H*W	1978.16*1186.7*85.8 (mm)	1713 X 1035 X 115 (mm)	1591 X 961 X 110 (mm)	1369 X 828 X 104 (mm)
Dimension(package) L*H*W	2168*1458*318 (mm)*	1490 X 1010 X 280(mm)	1730 X 1140 X 250(mm)	1490 X 1010 X 280(mm)
VESA	600*600 (mm)	400 X 400 (mm)	400 X 400 (mm)	400 X 400 (mm)
Net Weight	116kg	71kg	66kg	47kg
Gross Weight	144kg	83kg	75kg	55kg