

AN INTERACTIVE DISPLAY OPTIMIZED FOR NETWORK SECURITY

Rules for Assigning Oxidation Numbers
Rule 6

6. The sum of the oxidation numbers of all atoms in a polyatomic ion must equal the charge of the ion.

$$\begin{matrix} ? & -2 \\ N & O_3^- \end{matrix}$$
$$X + 3(-2) = -1$$
$$N \quad O$$
$$\therefore X = +5$$


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Linux-Based OS



Always Free Software



Capacitive Touch



Object Recognition



Superior Image Quality



Compatible with all Devices

The latest wave in technology brings you more effective communication with stronger network security. Connect your campus to the world with the IP Series - an all-in-one interactive display solution that captivates attention without compromising sensitive student data or network security.

This optically-bonded display brings lessons and presentations to life in stunning ultra-high definition (4K). Instead of an Android-based operating system which is not as secure, the IP Series runs on a Linux-based operating system that keeps root access to your network out of reach while staying easy for anyone to use - no training required.

Navigate to what you need with ease, on an vivid, commercial-grade screen that feels as natural as writing on paper. Advanced touch technology and a capacitive touch system makes interacting with the display more seamless than ever.

Connect your institution to the world on a display that exemplifies security.

IP Series

IP Series

Model	IP65	IP75	IP86
Display			
Screen Size	65"	75"	86"
Display Area	56.38 x 31.77 in	65.04 x 36.61 in	74.53 x 42.09 in
Backlight	LED	LED	LED
Resolution	3840 x 2160 pixels	3840 x 2160 pixels	3840 x 2160 pixels
Display Ratio	16:9	16:9	16:9
Brightness	400nit	400nit	400nit
Display Colors	1.07 billion	1.07 billion	1.07 billion
Contrast Ratio	4000:1	4000:1	4000:1
Viewing Angle	178°	178°	178°
Lifetime Hours	30,000 hours	30,000 hours	30,000 hours
Speakers			
Position	Downward	Downward	Downward
Max Power Output	(2) 12W	(2) 12W	(2) 12W
Power			
Working Voltage	AC 100-240V, 50/60Hz	AC 100-240V, 50/60Hz	AC 100-240V, 50/60Hz
Touch			
Touch Surface	Tempered anti-glare glass	Tempered anti-glare glass	Tempered anti-glare glass
Touch Points	Up to 20 Points	Up to 20 Points	Up to 20 Points
Touch Sensor	P-CAP	P-CAP	P-CAP
Writing Tools	Stylus or Finger	Stylus or Finger	Stylus or Finger
Communication Interface	USB-B	USB-B	USB-B
Transportation/Storage			
Net Weight	79.4 lbs	108 lbs	132.3 lbs
Gross Weight	102.5 lbs	136.7 lbs	167.6 lbs
Storage Temp/Humidity	-4°F - 140°F / 20% - 90%	-4°F - 140°F / 20% - 90%	-4°F - 140°F / 20% - 90%
Working Temp/Humidity	32°F - 104°F / 20% - 80%	32°F - 104°F / 20% - 80%	32°F - 104°F / 20% - 80%
Mounting Options	Wall-mount or Mobile Stand	Wall-mount or Mobile Stand	Wall-mount or Mobile Stand
Outline Dimension	59.4 x 34.1 x 3.4 in	68.1 x 39.8 x 3.4 in	77.8 x 45.3 x 3.4 in
VESA	600x400	800x400	800x400
Embedded Operating System			
Chipset	MIPS Advanced Multi-core CPU	MIPS Advanced Multi-core CPU	MIPS Advanced Multi-core CPU
RAM	2GB DDR3 MCP	2GB DDR3 MCP	2GB DDR3 MCP
ROM	64MB norflash	64MB norflash	64MB norflash
Operating System	Linux	Linux	Linux
Multimedia Files Supported	Image (JPEG, BMP, PNG); Video (MPEG1, MPEG2, MPEG4, H.264, H.265, MOV,, FLV); Audio (MP3, M4A, AAC)		
Ports			
OPS Slot	Yes (4K@60Hz)		
AV Inputs	HDMI 2.0 (4K@60Hz) x 2, VGA x 1, 3.5mm in x 1, AV in x 1, YpBPr in x 1, USB (Touch) x 1		
AV Outputs	USB (Touch) x 1, AV out x 1, RS232 x 1, 3.5mm out x 1		