i3TOUCH E1086 4K

i3-TECHNOLOGIES

86"

Excellent interactive touch display with fast & accurate V-Sense touch technology. i3 offers an exciting, easy to use and affordable alternative to traditional interactive board solutions. The i3TOUCH E series provides crystal clear, high-definition images. The V-Sense 20-point touch technology operates at the touch of a finger or pen and reacts instantly.

WARRANTY

Top features

Annotation overlay
Annotate over any image, site, app and save your notes in i3NOTES.

Plug & play
Slide an OPS computer into the display and get started immediately.

20 touch points
The integrated multi-touch technology recognises up to 20 touch points at the same time.

Simple Notetaking
Open the easy to use whiteboarding app to take notes and share immediately.

Accessories

Penholder (optional)

2 passive styli

Software options

Android™ platform
The Android OS has built-in apps such as a web browser, file explorer and documents editor. Browse the internet and open your MS Office or PDF files without needing a computer.

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No maintenance worries - up to 8 years warranty

At i3-Technologies, we are proud of our quality products and we offer a warranty of up to 8* years, which is unique in the market.

Advanced infrared technology

The touchscreen gives perfect results when working in strong light, thanks to the V-Sense touch technology.

Instant presenting

Use the i3ALLSYNC mirroring app to share your screen instantly on the display.

Specifications

PRODUCT INFORMATION	
Model name	i3TOUCH E1086 4K
Product series	i3TOUCH Excellence - Interactive Flat Panel Displays
Product order code	TBC

DISPLAY SPECIFICATIONS		
Display technology	Liquid Crystal Display (LCD) with DirectLED lighting	
Panel active screen area	1895 x 1066 mm	74.60" x 41.97"
Display aspect ratio	16:9	
Display native resolution	3840 x 2160 pixels - 4K Ultra High Definition	
Brightness	350 cd/m²	
Contrast ratio	1200:1	
Viewing angle	178° / 178°	
Colour depth	1.073 billion colors (10 bit)	
Response time (typ.)	8 ms	
Refresh rate	60 Hz (@ UHD)	
Pixel pitch	0.4935 x 0.4935 mm	
Supported orientation	Landscape	
Glass	4 mm Hardened Anti-Reflection Safety Glass	
Life time	30,000 hours	

CONNECTIVITY	
Digital audio-video inputs	2x HDMI 2.0
Digital audio-video output	1x HDMI 2.0
Analogue audio-video input	1x VGA (DE-15 male) + audio jack (3.5 mm TRS connector)
Analogue video output	1x AV (TRRS connector)
Analogue audio output	1x audio jack (TRS connector)
Digital audio output	1x digital coax (RCA connector)
USB data ports	2x USB 3.0
	2x USB 2.0
Integrated PC slot	OPS-PC slot (JAE TX24 connector)
Control input	1x COM DE-9 (RS-232 standard)
Network	LAN: RJ-45 connector (100 Mbit/sec)
	Wi-Fi: 2.4 / 5 GHz (802.11 a/b/g/n/ac)
	Bluetooth: 4.0
Integrated loudspeakers	2 x 12 Watt

OPERATIONAL FEATURES		
Operating System	Android™ 7.0	
Architecture	CPU: ARM CORTEX Dual Core A73 (2.8 GHz)	
	GPU: ARM MALI-450	
	RAM: 2 GB	
	ROM: 16 GB	
Interactive touch	Technology: V-Sense Infrared Touch recognition	
	Input Detection: 20 touch inputs	
	Touch Connection: 1x USB-B	
	Recognition: Finger or passive stylus (size ≥ 3 mm)	
	Response time: < 25 ms	
	Accuracy: ± 1 mm	
Supported Compatibility	Windows, Android, Macintosh OS X, Linux, Chrome OS	
Maximum operating hours	18 hours / day	
Languages	English, Dutch, French, German, Danish, Polish, Czech, Swedish, Finnish, Norwegian, Spanish, Italian, Portuguese, Greek, Romanian, Russian, Arabic, Turkish, Ukrainian, Chinese (traditional), Chinese (simplified), Japanese, Korean	

PHYSICAL PROPERTIES		
Product dimensions	1988 x 1160 x 100 mm	78.27" x 45.67" x 3.94"
Net product weight	75 kg	
Packaging Size	2215 x 1370 x 280 mm	87.21" x 53.94" x 11.1"
Packaged Weight	100 kg	
Mounting Pattern	800 x 600	
Color	Black front bezel, black back cabinet	

WARRANTY	
Standard warranty	5 years
Extended warranty (optional)	for education entities: 8 years (via registration)
	for corporate entities: 8 years (available via purchase)

ACCESSORIES	
Included	User Manual
	Remote Control
	Power Supply Cord
	HDMI cable (3 meter)
	USB cable (5 meter)
	2x passive stylus
	Pen Tray
	Wall Mount
Optional	i3FLOORSTAND series – Display stands and floorlifts
	i3COMPUTER OPS

REGULATORY INFORMATION	
Product type approval	CE, FCC

SOFTWARE FEATURES	
i3NOTES Whiteboarding application	Make annotations and share immediately with every device.
i3OVERLAY Screen annotation application	Write on top of every image/app/site & save your content in i3NOTES+
i3ALLSYNC Wireless video cast application	Share you content wirelessly from any device (min: Windows 7 , OSX 10.10, iOS version 7.0, Android 5,0), wireless touch function and audio transmission on Windows & OSX. Up to 64 devices can use the remote view simultaneously to follow the meeting.

ELECTRICAL PROPERTIES	
Power voltage	100 ~ 240 Volt – 50/60 Hz
Power consumption	TBA (standby < 0.5 Watt)

ENVIRONMENTAL CONDITIONS	
Operating temperature	0° C to 40° C
Operating humidity	10% to 90% RH non-condensing
Storage temperature	-20° C to 40° C
Storage humidity	10% to 90% RH non-condensing
Maximum operational altitude	5,000 meters

	Client laptop and mobile device requirements		
	Laptops & Tablet PCs	iPads, iPhones,& iPods	Android Tablets & Phones
Operating System	Windows 7 or newer OSX 10.10 or newer	iOS version 7.0 or newer	Android 5.0 or newer
Minimum Required	Intel Core i3 4th generation, 4 GB RAM	iPad 3 / iPhone 5 or newer	Phones/Tablets with Android 5.0 or newer

NETWORK REQUIREMENTS

Network and Internet Access	When i3ALLSYNC is deployed into the existing network , the host PC and the clients require wired or wireless network connection with a minimum bandwidth of 20 Mbps. When running HD content, increase the minimum bandwidth to 50 Mbps. Like any network application, the overall performance is dependent on available bandwidth. Internet access is also required to update the i3ALLSYNC receiver app.

FUNCTIONALITY

- Screen mirroring from any device (with minimum requirements)
- FHD resolution
- Wireless touch function on Windows & MAC OS.
- Up to 64 devices can use the remote view simultaneously to follow the meeting.
- i3ALLSYNC app available in the Apple store, Play store and on i3-allsync.com. (by the end of May 2018)
- i3ANNOTATE on all share images and save your content in i3NOTES Whiteboard

Technical drawing