

General Specifications

High performance Android 9.0 with Smartboard α 3.0

Enhanced Productivness & Efficiency in workplace through the built-in camera and microphone. Smartboard α 3.0 allows you to connect and present wireless anytime, anywhere over split-screen with mobile devices. The most advanced touch technology enables a highly intuitive and accurate touch experience.

Smartboard α _{3.0}		Model	S65UDAI	S75UDAI	S86UDAI
Panel	Resolution	Ultra HD 3840 x 2160			
	Contrast Ratio (DCR)	10,000:1			
	Viewing angle	178° (H) / 178° (V)			
	Response Time (ms)	8			
	Brightness (nits)	400	450	450	
Touch Screen	Detection Method	Advanced Infrared			
	Touch Point	Windows 7 / 8 / 10, Android - 20 points Windows XP, Linux, Mac, Chrome - 1 point			
	Touch Accuracy (typ.)	± 1mm			
Systems	Standard	Android 9.0			
	Operating Systems	Windows 7 / 8 / 10, Windows XP, Linux, Mac, Chrome			
Mother board	CPU / GPU	Cortex A73, 1.8GHz / Mali G52 MP2			
	RAM / ROM	4GB LPDDR4 / 32GB eMMC Flash			
WiFi	Main Chipset	MT7668BU+RTL8822BU			
	Operating Frequency	2.4GHz / 5GHz			
	Wifi Standard	802.11a / b / g / n / ac			
NFC	Bluetooth	2.1+EDR / 4.2 / 5.0			
	Standard	ISO / IEC 14443 A / ISO / IEC 14443 B			
	Read / Write Distance	< 30mm			
Camera	Read / Write Speed	106 to 424kbps			
	Pixel	13 Mega			
	FOV	78°			
Array Mic	Array Size	MJPEG : 3840 x 2160 (12fps) 4139 x 3104 (8fps) 1280 x 720 (30fps) 1920 x 1080 (30fps)			
	Array Count	6-Mic			
	Pick up Distance (max.)	8m (Angle : 45° ~ 135°)			
Speaker	Features	Echo Removal Noise Suppression Dialog Improvement Auto Gain			
Tempered Glass	Audio	15W x 2			
	Thickness	3.2mm			
Operation	Features	Anti-Glare Anti-Finger Print Anti-Microbial			
	Temperature / Humidity	0°C ~ 40°C / 20% ~ 80%			
Power	Input Voltage	AC 100 ~ 240 V, 50 / 60 Hz			
	Power consumption	300W	380W	460W	
Interface	I/O port	Front	1xUSB3.0 (PC) 1xUSB3.0 (Android) 1xUSB3.0 (Touch) 1xUSB Type-C		
		Side	2xLAN 1xUSB3.0 (Touch) 1xUSB2.0 1xDP-In 1xHDMI 2.0-In 1xHDMI 2.0-In 2xUSB3.0		
		Bottom	1xHDMI-Out 1xMic-In 1xAudio-Out 1xSPDIF-Out 1xAudio-In 1xVGA 1xRS232-In		
	OPS	Ready			
Dimension	Set (W x H x D)(mm in)	1511 x 914.95 x 93.25 59.49 x 36.02 x 3.67	1721.9 x 1029.05 x 87.45 67.79 x 40.51 x 3.44	1967.35 x 1167.25 x 89.65 77.45 x 45.95 x 3.53	
Weight	Set (Kg lb)	46 101.41	56 123.46	70 154.32	
Stand	Wall Mounting	Set (W x H) (mm in)	600 x 400 (8M screw)	800 x 400 (8M screw)	800 x 600 (8M screw)
	Movable Stand	Set (W x H x D) (mm in)	1285 x 1760 x 700 50.59 x 69.29 x 27.56		

* Specifications may be subject to change without prior notice to improve functionality.

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Smartboard α_{3.0}



Android OS 9.0 delivers faster APP running and connectivity to a variety of devices. Enables to provide a variety of experiences for better education and collaboration.

- Android 9.0
- Built-in Camera & Microphone
- WPS Office
- Front Access USB Type-C (Android, IOS)
- NFC security
- Multi-touch up to 20 points (Android & Windows)
- Slim Design
- Screen mirroring up to 9 devices



New Smartboard α 3.0 with Android 9.0

Smartboard α_{3.0}



Intuitive interface designed for online education and business collaboration

- 13MP Camera & 6 Array Mic. for live online conference
- USB Type-C easier for Audio-Video signal transmission between mobile devices and Smartboard α 3.0
- Mic-in connectivity for smooth lecture and meeting
- Dual LAN Switching enables automatic network switching between Android, PC & OPS
- Mirroring & Screen Sharing for up to 9 devices

Ultra-slim Bezel design

- Dry-Bonding technology for 10% thinner, stunning picture quality and outstanding touch performance
- Sleek and Symmetrical design for high immersion

Experience Intuitive Touch performance

- Fast response and 20-points multi touch encouraging group collaboration (Android / Windows)
- The smallest (1.5mm) touch recognition with high touch accuracy
- Automatic activation of Microsoft office pen with dual pen touch (Windows Pen 2.0 Protocol)

Enhanced Safety and Security

- System Lock / Unlock via NFC Module
- Blue light filter and Eye-care mode to reduce strain on eye

Hotkey pad

- Assistive Hotkey pad enables advanced and easy annotation (Windows)

Accessory Option

OPS PC



Model - S064 Intel Comet Lake-U Platform
 i5-10210U (8G DDR4 / 256G SSD)
 i7-10210U (8G DDR4 / 256G SSD)

Desktop Mini PC



Model - HP EliteDesk 800 G4
 i5-8500 (8G DDR4 / 128G NVME)

Movable Stand

Model - D7098SF



Typical Screen Size (mm) : 1778~2286 (70"~90")
 Weight Capacity : Max. 160Kg
 VESA Mount (mm) : 800 x 600 (M8 Screw)
 Set Dimension (mm) : 1830(H) x 1285(W) x 700(D)
 Set Weight : 57Kg
 Color : black

Line-up

