



AVOCOR AVT-U SERIES DATASHEET

Specification

FM-U Serie	AVT-U6510	AVT-U7510	AVT-U8610	
Panel	Backlight Type	D-LED		
	Resolution (pixels)	3840x2160(pixels,RGB)		
	Brightness	400cd/m²(typ.), 450cd/m²(max.)		
	Contrast Ratio	1200:1(typ.) , 50000:1 (Dynamic)		
	Response Time	8ms (typ.)		
	Refreshing Frequency	60Hz		
	Viewing Angle	178°(H) / 178°(V)		
	Color Gamut	72%NTSC (typ.)		
	Display Colors	1.07B(10bit)		
	System/Electrical	Chip set	RK3576	
Architecture Cortex		Quad core ARM Cortex-A72*4+Quad core ARM Cortex-A53*4		
RAM/ DDR4		8GB (16G optional)		
ROM		128GB (256G optional)		
OS		Android14		
Power Requirements		AC 100 V ~ 240 V, 50/60 Hz		
Standby Condition		<0.5W		
Audio Output Power		2 x 20W Speaker		
Microphones		8 array		
WIFI		Operating Frequency	2.4GHz/5GHz	
	WIFI Standard	WiFi6/5/4		
	Bluetooth	BT 5.3		
NFC	Supporting ISOs	ISO/IEC 14443@13.56Mhz, ISO/IEC 15693@13.56Mhz		
	System	Support Android and Windows		
TOUCH	Glass	AG(Anti-Glare) Coating etching		
	Sensing Type	Infrared Touch Frame		
	Surface Protection	3.2mm (3mm Toughened Glass)		
	Infrared Touch	50 Points		
	Touch Accuracy	±1mm		
	Response Time	≤8ms		
	Multiple Touch	Windows 10/8/7,Android		
Single Touch	Windows XP, Linux, Mac OS X, Chrome			
Front I/O	USB Type-C*1 (up to 65W /DP-Alt/Audio/Video/USB2.0/Touch/Mic/Camera/LAN Network Sharing), HDMI in 2.0*1, TOUCH 3.0*1, USB 3.0*2			
Board I/O	USB Type-C*1(up to 15W /DP-Alt/Audio/Video/USB2.0/Touch/Mic/Camera/LAN Network Sharing), HDMI in 2.0*2, HDMI Out 2.0*1, DP in*1, USB 2.0*1, USB 3.0*2, TOUCH 3.0*1, VGA in*1, Audio in*1, SPDIF*1, Audio Out*1, RS232*1, \LAN(RJ45)*2, TF Card*1,			
accessories	3M AC Power Cable Provide (by region)*1, Type C cable (1.8m-2m)*1, 3M USB A-B Cable*1, 3M HDMI Cable*1, Stylus*2, Remote Control*1, NFC card*1			
Optional	Wall mount / windows (PC for OPS) / Stand			
Environmental Conditions	Operation Temperature	0 - 40		
	Operation Humidity	10% - 90%RH		
	Storage Temperature	-20 - 60		
	Storage Humidity	10% - 90%RH		
	Altitude	Below 5000 meters		
Structure	L/R/Top/Down	16.4*16.4*27.3*44.9mm		
	Thickness	97.3mm	97.3mm	97.1mm
	Product Size (W x D x H)	1488.4x97.3x907.5 mm	1709.4x97.3x1031 mm	1957x97.1x1170.8 mm
	Package Size (W x D x H)	1628x185x1020mm	1863x185x1155mm	2110x185x1291mm
	weight	30.0kg	40.0kg	50.5kg
	W/Master Carton	36.5kg	49.0kg	63.0kg
	VESA	600x400mm	800x400mm	800x600mm
Container Loading (unit)	20' GP Container Unit Load w/o Pallet	72pcs with pallets	30pcs with pallets	30pcs with pallets
	40' GP Container Unit Load w/o Pallet	168pcs with pallets	72pcs with pallets	66pcs with pallets
	40' HQ Container Unit Load w/o Pallet	168pcs with pallets	144pcs with pallets	132pcs with slip sheet
Certifications	BSMI, NCC, CNS 15592, Taiwan Energy Label, Taiwan Green Mark, Information Security(low risk)			



AVT-U SERIES

Interactive Flat Panel Display

Enabling Steamline interaction and inspiring creativity.

Android, Windows dual system design / Google EDLA / Bytello AI /
4K UHD high resolution / Front HDMI, USB / Digital whiteboard /
Wireless screen sharing / Whiteboard software /
Diverse tools / Word, PPT, PDF, Excel / Smart eye protection
Available in a range of sizes 65" | 75" | 86"



Android



EDLA Certified



Ultra HD



Touch



AI



Whiteboard



20w



Wireless



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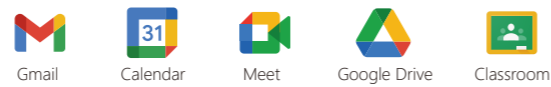
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AVT-U Series



Smart Education A Perfect Integration of Teaching and Google

Avocor's EDLA-certified interactive displays for education provide a more efficient, secure, and highly interactive teaching environment, helping to foster collaboration, boost productivity, and streamline classroom management.



Intuitive Software for Enhanced Interaction

Digital Whiteboarding: Optimized writing experience with seamless sharing.

Smart Multitasking: Flexible split-screen, picture-in-picture, and multi-window support.

Hybrid-Ready: Integrated screen recording, perfect for hybrid classrooms and meetings.



PIP



Split Screen



Multitasking View

Smart, Secure, and Built for Collaboration

Experience the power of Android 14 and Google EDLA in stunning 4K. With 50-point precision touch, immersive surround sound, and effortless cloud-based management, the AVT-U Series brings seamless, high-performance interaction to any classroom or meeting space.



Work Smarter, Not Harder

Cross-Device, Cloud-Integrated Management

- ✓ **Unified File Access**
Seamlessly sync, transfer, and stream media across local networks and cloud storage.
- ✓ **Customizable Home Screen**
Drag-and-drop your favorite apps, files, and widgets for instant access, plus built-in educational tools like timers and calculators.
- ✓ **AI-Powered Search**
Circle & Go—simply circle any image or text to instantly explore related information.
- ✓ **Intuitive Floating Toolbar**
A quick two-finger gesture invokes a movable, accessible toolbar on any interface.

Intelligence Efficiency

Premium Visual Experience

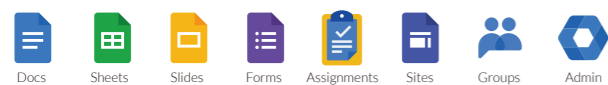
The AVT-U Series offers a simple, convenient, and zero-learning-curve interactive platform for classroom teaching, business meetings, and video collaboration.

Its flexible adaptability ensures uninterrupted operation in any scenario. This EDLA-certified display is future-proof, with OTA updates that continuously evolve to meet diverse educational needs.

EDLA Certified for Education

Fully Integrated Google Services

- ✓ **Seamless Access:** Sign in to your Google account directly on the display.
- ✓ **Easy Files:** Quickly open Google Classroom materials, slides, and PDFs.
- ✓ **Real-time Sync:** Annotate on-screen with instant Google Classroom updates.
- ✓ **Instant Collaboration:** Group up and share results on the fly.



Google Play Protect Safe Browsing

Continuously scans applications on the device to check for malicious software or viruses, ensuring that interactive whiteboard equipment remains free from security and privacy issues.

Eye-Care Comfort Dual Protection

- **Anti-Glare Comfort:** Premium glass panel minimizes reflections for effortless viewing.
- **178° Wide View:** Crystal-clear visibility from every corner of the room.
- **Smart Eye Care:** Built-in tech for advanced, dual-layer visual safety.
- **Immersive Surround Sound:** Powerful front-facing speakers for rich audio.
- **Precision Mic Array:** 8-array microphone for flawless, flexible sound capture.