AVOCOR W SERIES 55” DATASHEET

AVW-5555

The Avocor AVW-5555 is an all-in-one video conferencing touch display that enhances collaboration and productivity. Featuring built-in loT Digital Twins sensors, the W series measures environmental data that can be analyzed, in real-time, offering a simple way to gain valuable analysis about meeting room utilization. The single Type-C cable solution combines an integrated, high-quality conference camera, 40W conference room audio and far-field microphone array, optimized for use with UC platforms such as Microsoft Teams and Zoom, creating a seamless video collaboration environment. The AVW-5555 also features an OPS slot allowing for 4k video@60Hz.

The single **Type-C cable solution** delivers a frustration free-user experience to get meetings started quickly and simply. Smart switching ensures that there is no more struggling to find input sources. The cable provides hardwire ethernet connection and powers the connected device at the same time. When the device leaves the room, so does the on-screen content.

Connect and engage with colleagues regardless of location through the integrated, **conference-grade camera and stereo speakers.** The active, far-field microphone array allows the display to connect with a variety of UC based softwares, delivering the ultimate video collaboration environment for the focus room.

Built-in sensors that connect to **Azure IoT Digital Twins platform**, measuring environmental data such as room temperature and ambient light, enabling real-time adjustments and future room planning.

Azure Sphere is a secured, high-level application platform with built-in communication and security features for internet-connected devices.

55”

Avocor’s all-in-one **55” display** is out-of-the-box ready for collaboration and videoconferencing in focus rooms, executive offices and home offices.

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DISPLAY	
Model	AVW-5555
Diagonal size (inch)	55”
Backlight	Direct-lit LED
Aspect ratio	16:9
Resolution	4K@60Hz, 3840 x 2160
Response time	8ms
Brightness	500 (cd/m2)
Contrast ratio	4000:1
Viewing angle	178°/178
Supported colors	30-bit deep color
Display orientation	Landscape
TOUCH SYSTEM	
Touch	Up to 20 point Avocor InGlass™ Intelligent Touch - supports 4 fine tip stylus & palm rejection
Interface	1 x Type-C, 3 x USB-B 3.0
Glass	3mm glass laminated, anti-glare, anti-fingerprint glass
Supported operating system	Windows 8 / 10; Mac OSX*; Linux*
CONNECTIVITY	
Side inputs	1 x Type-C (60W PD), 2 x HDMI 2.0 + 2 x USB-B 3.0 touch, 1 x DisplayPort 1.4 + 1 x USB-B 3.0 touch, 2 x USB-A 3.0, 1 x USB-A (service only), 1 x LAN Ethernet (RJ-45) in, 1 x LAN Ethernet (RJ-45) out
Audio	1 x 3.5mm audio out, 1 x optical (SPDIF)
Control	1 x IR input,1 x RS-232
OPS Slot	Yes, 3840 x 2160 @60Hz
AUDIO & MICROPHONE	
Built-in speakers	4 x 10W - forward facing
Microphone array	4 x far-field, beam-forming
CAMERA	
Camera	Integrated extra-wide angle, 6 lens, 1080p/720p/480p@30fps
DISPLAY & REMOTE FUNCTIONS	
Auto-source- detection	Yes
AZURE DIGITAL TWINS SENSORS	
Proximity	3.5m max
Ambient room temperature	Min -5 ~ max 45°C | min 23 ~ max 113°F
Room brightness	0~3000 lux
Humidity	Min 0 ~ max 100%
PHYSICAL SPECIFICATIONS	
Product dimensions	1280 x 858.3 x 102 mm | 50.39 x 33.79 x 4.02 in
Shipping dimensions	1495 x 1026 x 260 mm | 58.86 x 40.93 x 10.24 in
Weight	Net: 45.3 kg | 99.87 lbs / Gross: 59.2 kg | 130.51 lbs
Wall mount (VESA)	400 x 400 mm | 15.75 x 15.75 in
IPC mount	75 x 75 mm | 2.95 x 2.95 in
Handles	2
POWER	
Power supply	AC100-240V (Worldwide), 50/60Hz
Maximum power consumption	<310
Standby	≤0.5 W
ENVIRONMENTAL	
Operating temperature	0 °C ~ 40 °C
Storage temperature	-20 °C ~ 60 °C
Humidity	20% ~ 80%
WHAT COMES IN THE BOX	
	1 x Remote control & batteries, 2 x 2mm fine-tip passive touch pen, AC power cords (1 x UK, 1 x EU, 1 x US, 1 x AUS), 1 x USB-B 3.0 cable (3m|118.1 inches), 1 x HDMI cable (3m|118.1 inches), 1 x Type-C cable (1m|39.37 inches), 1 x VESA adapter plate, 1 x Quick Start Guide
WARRANTY	
	Terms and conditions vary via region, please visit www.avocor.com/faq/avocor-global-warranty

Details are subject to change without notice. All other logos and trademarks acknowledged. E&OE. *Please note up to 20-point touch in PC mode with Windows 7/8/10, Mac OSX and Linux only supports single touch.

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