

Orbsmart DS Media-Box



Product Datasheet

4K Ultra-HD Digital Signage Media Player

KEY FEATURES

4K 60Hz Ultra-HD resolution	24/7 Certified for 24/7 operation	Android 14 Open operating system	4GB / 32GB RAM and eMMC storage	AV1 Codec Efficient video decoding
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SPECIFICATIONS

SYSTEM	
Operating System	Android 14 OS (AOSP)
Processor (CPU)	Amlogic S905X5M Quad-Core (S905)
Architecture	ARM Cortex-A55 @ 2.50 GHz
Graphics (GPU)	ARM Mali-G310 V2
Cooling	Passive (fanless for 24/7 operation)
MEMORY AND STORAGE	
RAM	4 GB LPDDR4
Internal Storage	32 GB eMM
Expansion	1x micro-SD slot (up to 128 GB max.)

VIDEO AND AUDIO	
Resolution	Max. 4K Ultra-HD (3840px x 2160px) @ 60Hz
Video Codecs	AV1, H.265 (HEVC), H.264, VP9
NETWORK	
Wi-Fi	Wi-Fi 6 (dual-band 2.4 / 5 GHz)
LAN	Gigabit Ethernet (10 / 100 / 1000 Mbps)
Bluetooth	Version 5.4
CONNECTIONS	
Video / Audio	1x HDMI 2.1b, 1x SPDIF (optical)
Data / Network	1x USB 2.0, 1x USB 2.0 (OTG), 1x RJ45
GENERAL	
Dimensions	88 x 88 x 22 mm
Weight	110 g
Power Supply	External 5 V / 2.5 A power supply (via USB-C)
Temperature Range	Operation: 0°C - 60°C, 30% - 90% humidity