



ANCTL-MP40G1

Multimedia Player



DESCRIPTION

Aniston ANCTL-MP40G1 Multimedia Player is a next-generation intelligent LED display controller designed for professional digital signage, video wall and smart city applications. The player integrates content playback, display sending and remote cloud management into a compact, high-performance device.

Built on a powerful quad-core processor with advanced video decoding, the multimedia player enables seamless synchronous and asynchronous playback, remote content publishing, multi-screen synchronization and intelligent monitoring. With built-in Wi-Fi, Gigabit Ethernet and optional 4G connectivity, the ANCTL-MP40G1 delivers reliable, flexible and scalable deployment for modern commercial LED display networks..

FEATURES

- Powerful Playback & Processing**

Supports up to 1.3 million pixels LED loading capacity Maximum output resolution up to 4096 x 4096 pixels Hardware decoding of H.264 / H.265 4K@60Hz video Smooth multi-media playback (4K / Full HD / HD)

- Smart Remote Monitoring & Diagnostics**

Real-time device health monitoring with alerts for connectivity, temperature, storage and playback status, enabling proactive maintenance and reduced downtime across large LED display networks.

- Multi-Screen Synchronization**
Supports NTP & GPS time synchronization
Perfect for large video walls and distributed signage
- Flexible Network Connectivity**
Gigabit LAN connectivity
Built-in Wi-Fi AP & Wi-Fi STA modes
Optional 4G module support for remote deployment
Remote cloud-based publishing & monitoring.
- Integrated Multimedia Control**
USB content playback & firmware upgrades
HDMI input with loop output support
Sensor integration for auto brightness control
- Reliable Commercial-Grade Design**
Android-based embedded system
Intelligent remote management
Designed for 24x7 commercial operation
- Synchronous & Asynchronous Operation**
Dual working modes for live input or stored media playback
Automatic full-screen scaling in synchronous mode
Ideal for live events, advertising and corporate displays



TECHNICAL SPECIFICATIONS

Product Name	Multimedia Player
Model Number	ANCTL-MP40G1

Playback Capacity

Max Loading Capacity	1,300,000 pixels
Max Width	4096 pixels
Max Height	4096 pixels
Video Decoding	H.264 / H.265 4K@60Hz
Playback Capability	2x4K / 6x1080p / 10x720p videos

Hardware Specifications

Processor	Quad-core ARM processor
RAM	1 GB
Internal Storage	16 GB
Operating System	Embedded Android

Video & Audio Interfaces

HDMI Input	1 x HDMI 1.4
HDMI Output Loop	1 x HDMI 1.4
Audio Output	Stereo audio out
USB Ports	1 x USB 3.0, 1 x USB Type-B
Sensor Ports	2 x Brightness / Temp / Humidity
Ethernet Ports	2 x Gigabit LED outputs + 1 x LAN

Networking

Ethernet	Gigabit Ethernet
Wi-Fi	AP / STA modes
4G Support	Optional external module
Control	Cloud / Web / Mobile / PC

Electrical Specifications

Input Voltage	DC 12V / 2A
Power Consumption	18W

Environmental

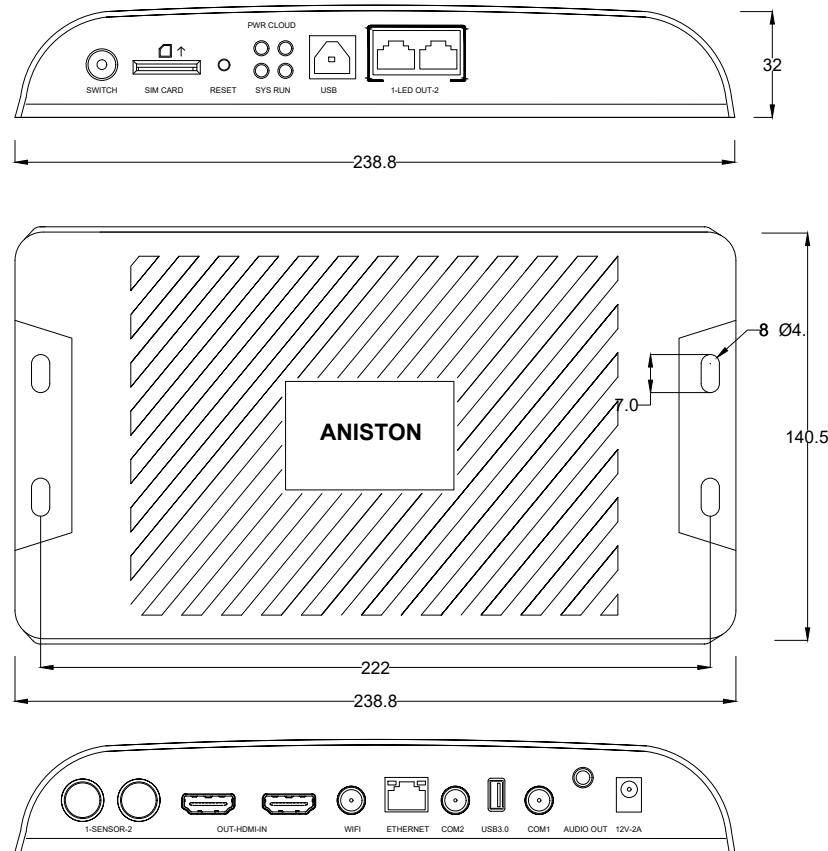
Operating Temperature	-20°C to +60°C
Storage Temperature	-40°C to +80°C
Operating Humidity	0 - 80% RH (Non-condensing)
IP Rating	IP20

Physical Specifications

Dimensions	238.8 x 140.5 x 32 mm
Weight	430 g
Warranty	3 years (optional extension to 5 years)



PRODUCT DIMENSION



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