AirMAG-3 Indoor LED Display

Pixel pitch: 3.9 mm
Resolution: 128 x 128 pixel/panel
Module size: 250mm x 250mm
Panel size: 500mm x 500mm x 65mm
Panel weight: 7.5kg
Weight per m2: 30kg
Cooling: natural airflow(fan less design)

AirMAG-3 Description

CreateLED AirMAG-3, a highest-performance indoor LED display offers the deepest black level with extremely high contrast ratio of up to 4,000:1, now is more and more popular in the market. With the ultra lightweight, AirMAG-3 LED display guarantees a quick and easy installation. With output of 1,200 Nits and 16 bit color processing, this LED video display is sure to deliver the super amazing image quality in any indoor setting, ideal for applications requiring extremely close viewing distances.

Key Benefits

1. Extremely close view distance and wide view angle.
2. Silent operation, little heat generated (no fans).
3. Standard panel design makes stocking, transportation, construction, spare parts and maintenance easy and simple.
4. Lightweight and seamless, precision extruded aluminum section structure.
5. Real white, brilliant colors, breathtaking grayscale.

Ideal For: Events -Theater and Arts - TV Shows - Car Shows …

AirMAG-3 Features

Easy maintenance
The modules are completely assembled into cabinet by magnet, available to dismantle from either front or rear side. All control components are integrated as a"Hot-Swap" which is attached to cabinet backside to allow movable in emergent maintenance.

Good cooling performance
Special module design with shutter at back guarantees this AirMAG-3X good cooling performance.

Extremely Black
The deepest black body LEDs with deepest basalt black surface, plus the new design advanced light trap louver, guarantees a perfect exceptional picture quality in all circumstances.
High contrast ratio of 4,000:1

Seamless and Lightweight
Structure made of precision extruded aluminum, intelligent interlocking system allows it truly seamless, quick-lock mechanisms makes the rapid set up and dismantle in a few seconds.
Weight including structure and cables is only 7.5kg/panel, 30kg/sqm, which is ideal for setup and teardown as well as economical crating and transport.
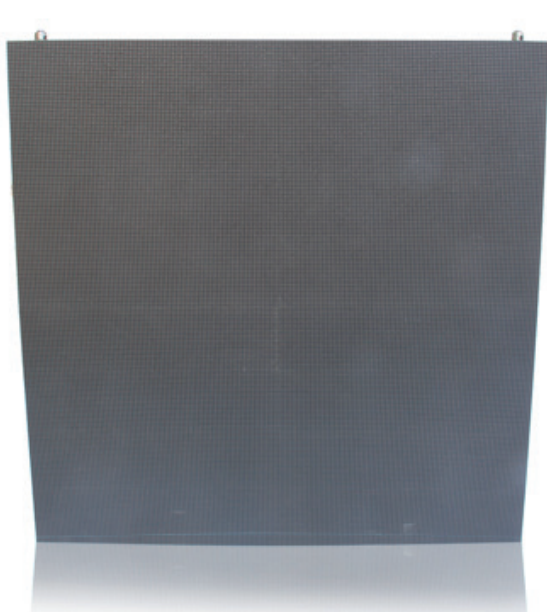
Consistent uniformity
Highly efficient black body LEDs, double size chip, lower LED temperatures.

Advanced video processing, breathtaking grayscale
Provides 16 bit image processing for 281 trillion colors resulting in a crystal-clear picture with true-to-life color reproduction. Vibrant images, with a tight selection of LEDs to get uniform colors across the entire display surface, detailed image with smooth motion reproduction, the color triangle of AirMAG-3 is actually much wider than normal.

Standard design & Standard components
This AirMAG series design with the standard size of 500mmx500mmx65mm panels and standard size of 250mmx125mm modules, uses industry-standard power and signal interconnects to reduce display downtime and replacement costs.

AirMAG-3 Specifications

Mechanical

Module size: 250mm x 125mm
Panel size: 500mm x 500mm x 65mm
Panel weight: 7.5kg
Weight per m2: 30kg
Support frame in Die Cast aluminum
Cooling: natural airflow(fan less design)

Video Display

Resolution: 128 x 128 pixel/panel
Pixel pitch: 3.9mm
LED population: 65,536 LED/m2
Brightness: 1,200 Nits
Drive method: 1/16 scan
Lifetime(50% brightness): 100,000 h
Colors: 281 trillion
Gray scale: 16 bit
Refresh rate: 600~2,000 Hz
Viewing angle: H:160°, V:100°
Dead Pixel Ratio: <0.0003

Electrical

Power supply: AC 220-240 V, 50/60 Hz
Power consumption: Avg 80 W/panel
MTBF ≥ 1,000 H
Ambience working temperature : -20°C~55°C
Ambience humidity : 85% at 25°C, 65% at 40°C

Control System
Sender Box input : USB connector
Sender Box output : RJ45 connector
Connection between PC and Sender Box : USB cable
Supported video input : DVI/HDMI/SDI
(depending of the videoprocessor used - native input DVI-D)
Software functions : display configuration, intensity adjustment, color calibration,
content management, and system settings.