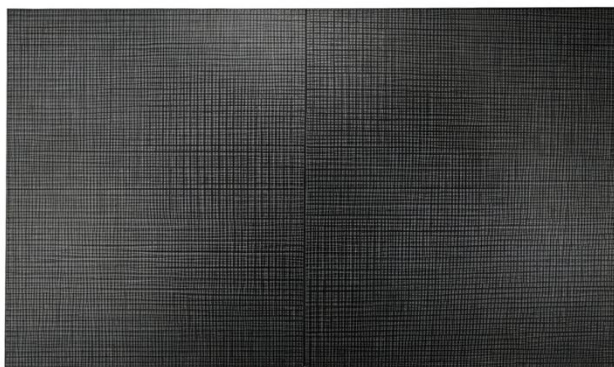


VOKON Indoor MA Series Full-Color LED Display

VT-MA1.2/VT-MA1.5/VT-MA1.8



Product Overview

MA Series is an indoor LED display featuring integrated die-cast aluminum molding with lightweight yet high-strength structure and micron-level seamless splicing. Adopting 16:9 golden display ratio, it delivers excellent visual performance for diverse scenarios. Weighing only 4.8kg per cabinet with hidden handles, it enables easy handling and fast installation. The detachable rear cover supports convenient rear wiring maintenance, while full front maintenance design boosts maintenance efficiency over 5 times faster than traditional screens. Compatible with dual-card dual-power and multiple HUB boards, it features strong compatibility. With high contrast, low-brightness high-refresh and high-gray performance, it presents vivid details without ghosting, supporting over 500 billion color restoration. Strict quality control ensures stable and reliable operation for government, enterprise, education, conference and command center applications.

Suitable for applications including:

- ✓ Government institutions
- ✓ Enterprise & corporate premises
- ✓ Schools and educational campuses
- ✓ Conference rooms
- ✓ Monitoring centers
- ✓ Command centers



VOKON Indoor MA Series Full-Color LED Display

VT-MA1.2/VT-MA1.5/VT-MA1.8

Key Features

1. Integrated die-cast aluminum cabinet, lightweight and high-strength structure
2. Micron-level seamless splicing, 16:9 golden display ratio
3. Light cabinet: only 4.8kg per unit with hidden handles for easy transport
4. Detachable rear cover for convenient rear-side wiring maintenance
5. Full front-maintenance design, over 5 times faster maintenance efficiency
6. Wide compatibility, supports triple-in-one HUB, traditional HUB, dual-card dual-power
7. High-contrast, low-bright high-refresh & high-gray performance
8. No ghosting on screen, restore true-to-life color details
9. Supports over 500 billion color reproduction for stunning visual effects
10. Strict full-process quality control with premium raw materials
11. Stable performance for conference, command, education and government projects

Technical specifications

Model	VT-MA1.2	VT-MA1.5	VT-MA1.8
Pixel Pitch (mm)	1.25	1.5625	1.875
Pixel Configuration	SMD1010	SMD1212	SMD1515
Module Size (mm)	300(W) × 168.75(H) × 3(D)		
Pixel Density (Pixels/m ²)	640,000	409,600	284,444
Module Power Supply (Vdc)	4.2		
Flatness (mm)	≤ 0.20		
Module Arrangement	2 × 2		
Cabinet Resolution	480 × 270	384 × 216	320 × 180
Cabinet Size (mm)	600(W) × 337.5(H) × 35(D)		
Total Weight (kg)	≤ 4.8		
Maintenance Method	Front Maintenance		
Cabinet Material	Die-cast Aluminum		
Unit Area (m ²)	0.2025		
Contrast Ratio	8,000:1		
Viewing Angle (°)	H170 / V170		
Color Temperature (K)	3,000 ~ 15,000 Adjustable		
White Balance Brightness (cd/m ²)	≥ 550		
Max Power Consumption (W/PCS)	≤ 70	≤ 60	≤ 58
Average Power Consumption (W/m ²)	≤ 117	≤ 100	≤ 97
Max Power Consumption (W/m ²)	≤ 350	≤ 300	≤ 290
Power Supply Requirement (Vac)	90 ~ 264		



Indoor MA Series Full-Color LED Display

VT-MA1.2/VT-MA1.5/VT-MA1.8

Scan Mode	45S	54S	45S
Frame Rate (Hz)	50 / 60		
Refresh Rate (Hz)	≥ 3,840		
Drive Method	Constant Current Drive		
Grayscale (Bit)	≥ 13		
Typical Lifespan (hrs)	100,000		
Operating Temp. Range (°C)	-10 ~ 40		
Storage Temp. Range (°C)	-20 ~ 60		
Operating Humidity Range (RH)	10% ~ 65% (No Frost)		
Storage Humidity Range (RH)	10% ~ 65% (No Frost)		