

Walk-in VMS

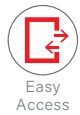


Application

To provide safe maintenance and reliable operation, Chainzone's walk-in VMS is equipped with modern cabinet design, intelligent features and extraordinary strength. The excellent LED optical system is compliant with EN12966 standard and has the highest optical performance. Full matrix configuration in amber or full-color LEDs from 20 to 31 mm pixel spacing is available.

Feature

- Convenient access for maintenance personnel
- Open workspace and organized components facilitate maintenance operation
- Tough aluminum mask for superior contrast and minimal glare
- Positive-pressure, forced-air ventilation system for VMS longevity



Easy Access



High Contrast Ratio



Convenient Maintenance



Ventilation System



Specification

Walk-in VMS		
Model	VMS20L-RGB	VMS25L-RGB
Pixel Pitch (mm)	20	25
Module Resolution (pixels)	8×19	8×19
Size of Module (mm) (H×W)	190×320	200×400
Optical Characteristics		
Conformity	EN12966 Standards & NEMA TS4	
Luminance	L3/L3(*) (Red > 3100 cd/m², Green > 3720 cd/m², Yellow > 7440 cd/m², White > 12400 cd/m²)	
Luminance Ratio	R3	
Color	C2	
Beam Width	B1, B2, B3, B4, B5, B6 (±15° horizontal & -10° vertical down), B7 (±30° horizontal & -20° vertical down)	
Brightness Control	100Levels	
Physical Characteristics		
Enclosure Material	Aluminum	
Enclosure Surface	Powder Coated, Matte Blank (Other colors available)	
Working Temperature	T1 (-15℃ ~ +60℃), T2 (-25℃ ~ +55℃), T3 (-40℃ ~ +40℃)	
Humidity Range	RH<95%	
Resistance to Pollution	D3	
Ingress Protection Class	IP54	
Maintenance	Walk-in Maintenance	
Electrical Specifications		
Power Supply	90 ~ 260VAC (50/60Hz)	
Solar Power System	12/24 VDC	
Communication	RS232 / RS485 / Ethernet Via RJ45 / GPRS / 3G / 4G / 5G / Optic Fiber	
Protocol	NTCIP 1203 / MODBUS / UTMIC / XML / JetfileII / Profibus / RSMP / HTTP / API	
EMC / FCC Certification	Compliant with EN50293, FCC Part 15B:2017, ICES-003:2016	
Certification	EN12966, ETL, CETL	