

iVMS Traffic Variable Message Sign YHT-DT20

Features

Our display uses metal box with special coating process, ensuring high contrast under less than 0.4 reflectance and strong-sunlight exposition;

Our display has thermal pressure ventilation design with totally-enclosed. When temperature and pressure rises inside box, the thermal pressure radiator ensures ventilation and guarantees IP66 protection.

Power Saving

Sleep Mode Second Optical Duo Voltage

Reliability

Double Dimming Sensor
LED Level Error Detection
Total IP 65 with Temperature Differential Ventilation System



Protection Level



Energy saving



Reliability



Green



A variable message sign, often abbreviated VMS, CMS, or DMS is an electronic traffic sign often used on roadways to give travelers information about special events. Such signs warn of traffic congestion, accidents, incidents, roadwork zones, or speed limits on a specific highway segment. In urban areas, VMS are used within parking guidance and information systems to guide drivers to available car parking spaces.

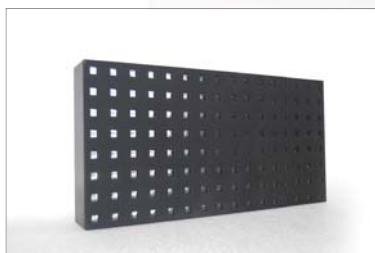
Cabinet (Front)



Cabinet (Rear)



Module(Front)



Module(Rear)



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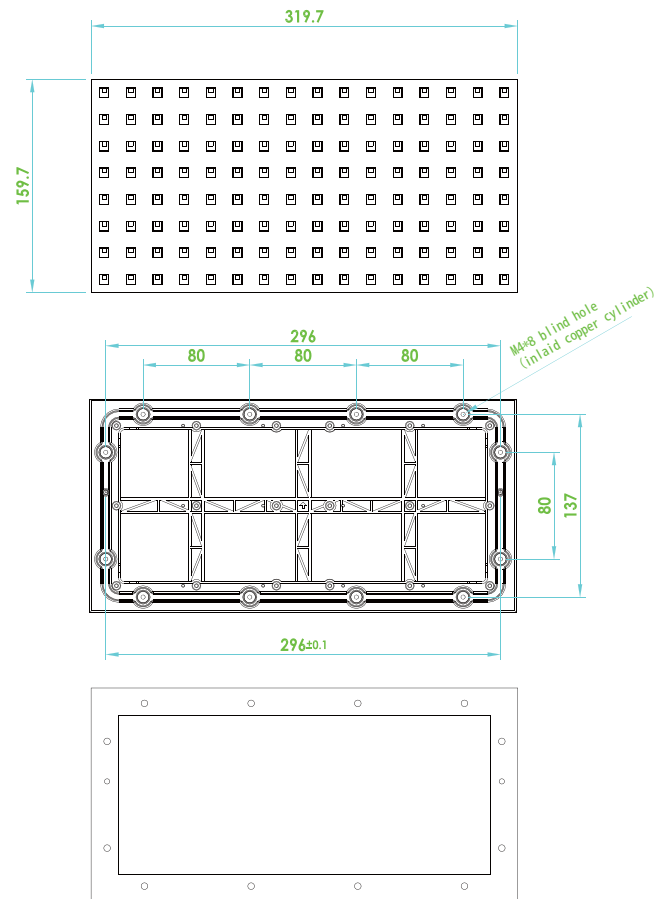
CE FC RoHS UL



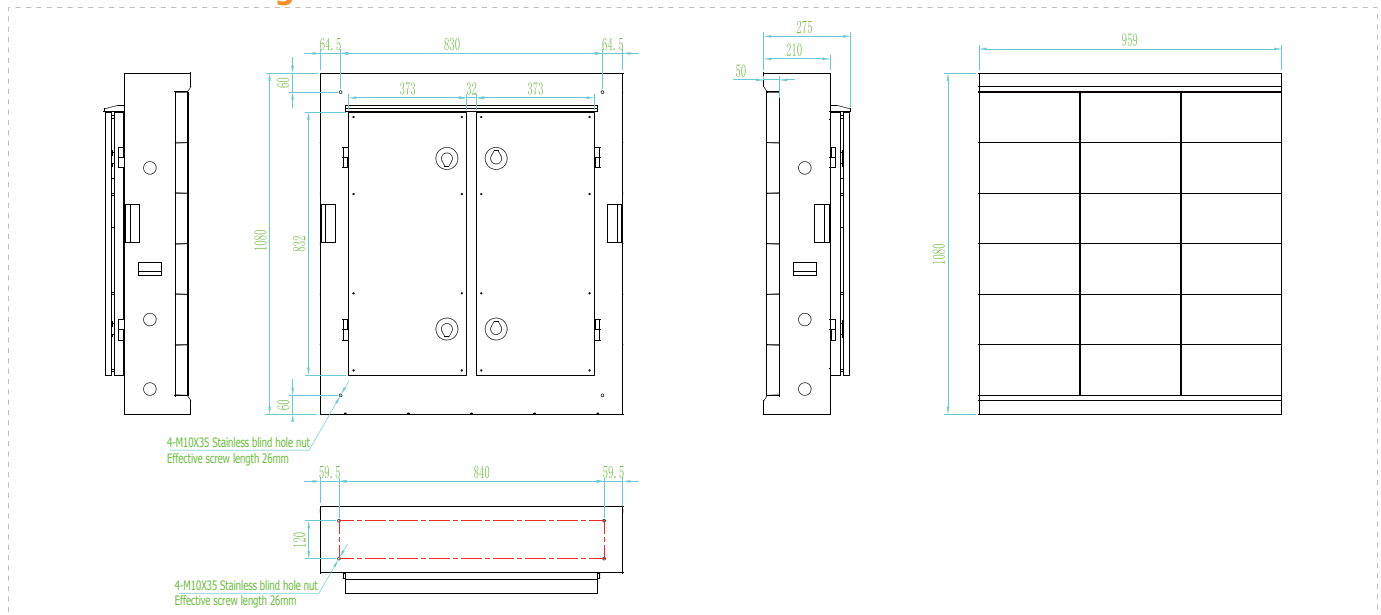
■ Specification

Item	Parameter
LED Type	SMD LED
Pixel Pitch	20mm
Pixel Density	2,500 pixels/sqm
Pixel Configuration	1R, 1G, 1B per pixel
Module Dimension (H x W)	160mm x 320mm
Module Resolution (H x W)	8 x 16 pixels
Cabinet Dimension (H x W x D)	960mm x 960mm x 210mm
Cabinet Resolution (H x W)	48 x 48 pixels
Cabinet Weight	Galvanized Steel Sheets 80kg/ Aluminum Alloy 60kg
Viewing Angle	Horizontal 30 Deg. / Up 2 Deg. / Down 10 Deg.
Best Viewing Distance	33m ~ 300m
Maintenance	Rear Access
Protection Level	Standard Ver.: Front IP65/Back IP54 Other Ver.: Front IP65/Back IP65
Luminance(nits)	Red 3100, Green 3770, Blue 1240, Yellow 7440, White 12400
Gray Scale	8bit / 256levels
Colour	EN12966 C2
Luminance Ratio	White 16.7, Yellow 10, Green 5, Red 4.2, Blue 1.7
Power Supply	380V, 50/60Hz
Operation Temp.	-20℃~60℃
Storage Temp.	-40℃~80℃
Operation Humidity.	5%~95%RH
Display Capacity	Text, image, graphics
Driving Method	Static
Power Consumption (Display Module)	Standard mode Max. 15W; Avg. 5W Sleeping mode Max. 12W; Avg. 3W
Power Consumption (Max./Avg.)	Standard mode Max. 270W; Avg. 90W Sleeping mode Max. 216W; Avg. 54W

■ Module Drawing



■ Cabinet Drawing



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