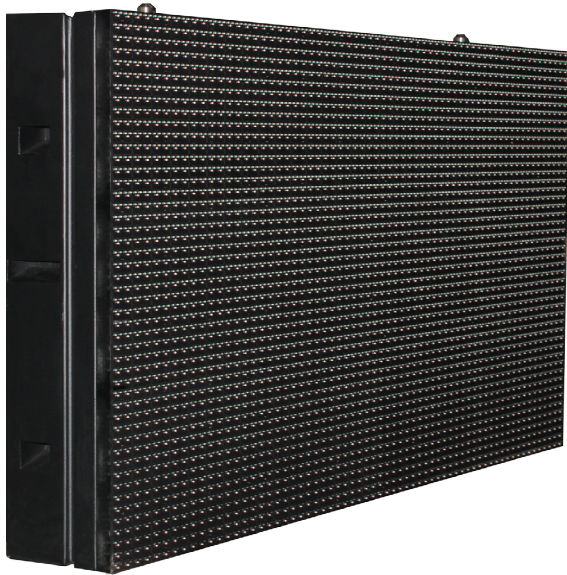


DH-PHTA10

Traffic Guidance LED



Technical Specification

Model

Model	DH-PHTA10
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Parameters

Pixel Pitch	10mm
Pixel Composition	1R1G1B, 2R1G
LED Type	DIP346
Brightness	4500-7000 cd/m ²
Brightness Adjustment	100 level adjustable (via software)
Color Temperature	6500K
Viewing Angle	H120°, V90°
Pixel Density	10,000 pixels/m ²
Recommend View Distance	10M
Module Dimensions	160mm×160mm
Cabinet Dimensions	W960mm×H960mm×D200mm(customizable)
Weight	60 kg/m ²
Area	0.9206 m ²
Cabinet Material	Iron/Aluminum

Features:

- The display module is general and can be exchanged. You can build any size and display any color as you want.
- Double housing structure, forms the internal natural convection patten to keep the temperature balance.
- The joint between module and cabinet adopt O-shaped seal ring, keep good moisture proof to prevent leakage performance.
- Module encapsulations adopt advanced soft silica gel, and get good elasticity and anti-aging ability.
- Adopt cooling fin for power and other important IC device, avoid the fan fault to make screen down.
- Choose device of wide temperature range, guarantee the normal daily work of the screen under the environment of high and low temperatures.
- Adopt industrial processor in control system and get higher reliability.
- Adopting mature large-scale integrated high-speed network serial transmission instead of discrete parallel transmission chip, reduce the complexity of display transmission, reduces the complexity of the control system, improve the stability of the product.
- Adopt net cable to transmit data, reduced the screen internal transmission cables, greatly improve the stability of the screen.
- Adopt generic network data transmission technology, improve variable message sign displayed speed.



Protection Grade	IP65
Temperature	Running: -20 C~50 C, Store: -40 C~55 C
Cabinet Resolution	96×96 dots
Color Depth	16 bits
Gray Level	65536 levels per color
Color	1R1G1B: 16777216, 2R1G: 65536
Contrast	3000:1
Video Frame Rate	50/60 Hz

Rate Refresh	≥1200 Hz
Input Voltage	110V±10% or 220V±10%
Input Power Frequency	50~60 Hz
Input Power (max)	800 W/m ²
Input Power (typical)	300 W/m ²
Lifespan	≥50,000 h
Driving Mode	1/4 Scan, Constant Current
Display Smoothness	The seam between two module<1mm
Uniformity	Uniform pixel intensity and module brightness
Protective Circuit	Dynamic scan mode
Power Switch	Auto switch (MV-UL power), Switching Power Supply Load: 5V/40A 5V/60A
Data interconnection	CAT5 Cable (L≤120m), multi-mode fiber (L≤500m , single mode fiber (L≤20km)