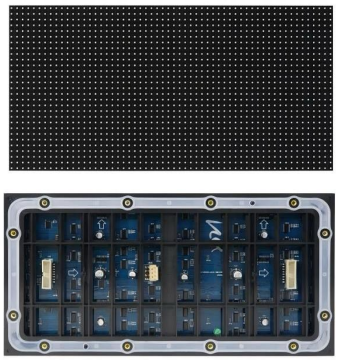
INTRODUCTION TABLE FOR LCS P10, SMD LED, LED MATRIX 1280MM x 1280MM

VA-LCS128/128/P10

1. Module Parameters



Pixel Pitch	10 mm (P10)
Pixel Composition	1R1G1B
Pixel LED	SMD LED
Size (W x H)	320mm x 160mm
Resolution	32 pixel x 16 pixel
Control Method	Scan 1/4
Application	Outdoor (IP66)

2. Cabinet Parameters

Display size (mm)	W:1280xH:1280xD:100
Cabinet Resolution	128 pixel x 128 pixel
Module Quantity per Cabinet (W x H)	4 module x 8 module
Cabinet Type	Outdoor
Weight	< 40kg/m^2
Protection Level	IP66
Maintenance Type	Rear

Outer Frame Material	70x70mm, 2mm Thick-Aluminum, powder coated	**Installation Accessories**	Complete

3. LCS Board Parameters

Pixel Density	10000 dots/m^2	**Display Color**	Full color
Input Voltage	220VAC	**Operating Temp.**	-20°C ~ +60°C
Maximum Power Consumption	< 500W	**Working Hum.**	0% ~ 99%
Viewing Angle	Comply with EN12966 Class B6	**Communication Distance**	CAT6 Cable <100m FO Cable >100m
Brightness	Comply with EN12966 Class L3/ L3*	**Communication Protocol**	TCP/IP
Brightness Adjustment	0-100 levels Automatic/Manual	**Connection Ports**	RS232/RS485, Ethernet (FO, RJ45)
Lifespan	≥ 100,000 hours		
Test Mode	High Temperature Warning, High Temperature Error, Power Supply Error, Image Sensor Error, Pixel Error Detected, Connection Error, Cabinet Door Open Detected, Remote Power Control (On/Off), Pixel Fault Location & Color Detection		

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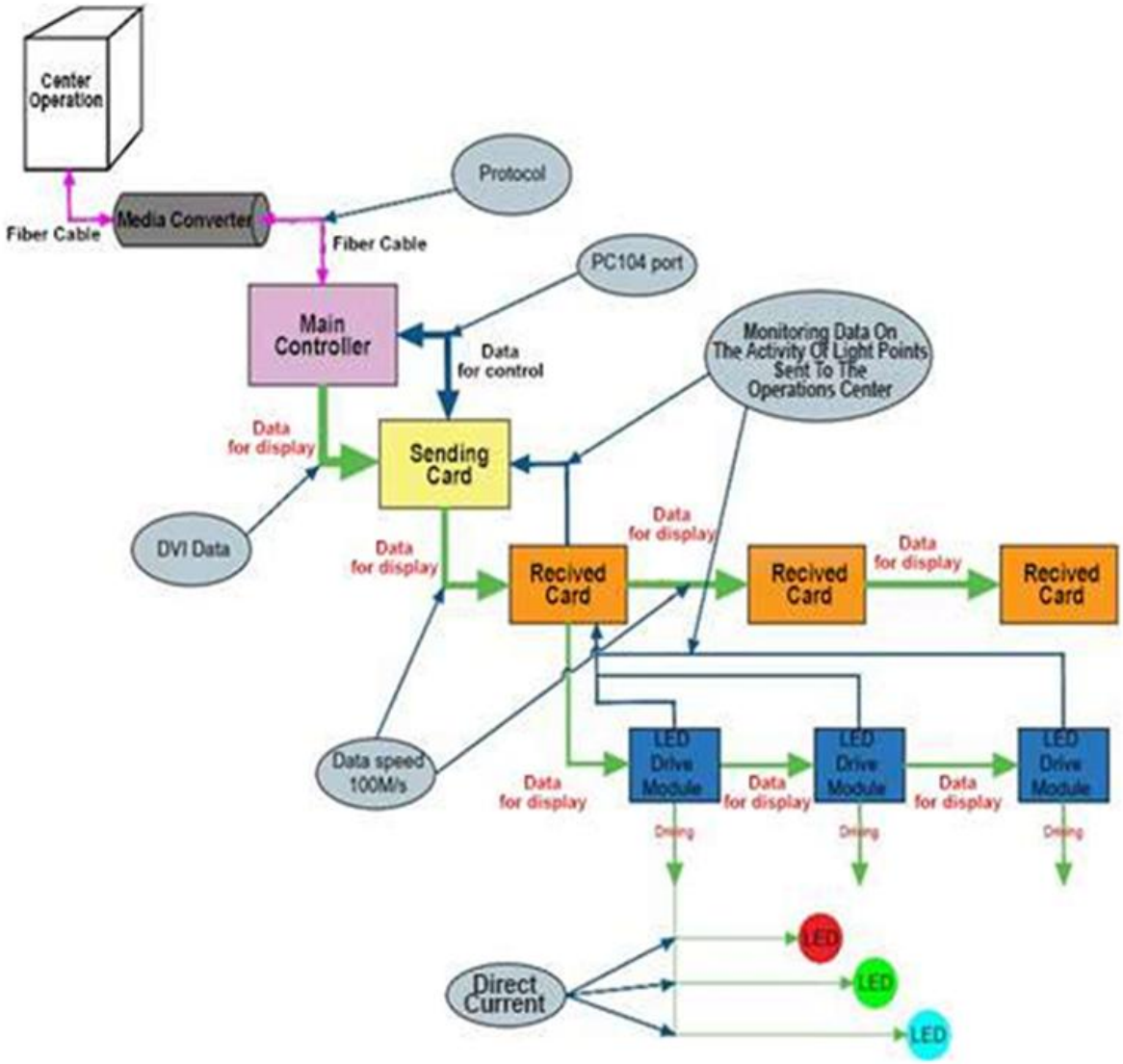
3. LCS Board Parameters			
System Operation	CHIPSHOW, Windows 10/11, support: API/SDK, English, Vietnamese		
LED Part Size (WxH)	1280mm x 1280mm	1280mm x 1280mm = 1,6384m²	
Total Size (WxH)	1420mm x 1420mm	1420mm x 1420mm = 2,0164m²	
Number of Pixels (pixel)	128 (W) x 128 (H)	**Number of Cabinets**	1 (W) x 1 (H) = 1 pcs

4. Data Transmission Mode Model for Electronic Board, Error Detection, and Transmission of Detected Errors

The data transmission mode model for the electronic board, error detection, and transmission of detected errors to the operator is described as in the figure below:

- The data transmission path for the electronic board follows the arrow direction from the control center to the LED drive modules.

- The data transmission path following the arrow direction from the LED drive modules back to the control center is the path for reporting the status of the LEDs.



Data transmission mode model for the LCS board, including error detection and transmission of detected errors to the operator

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5. Packaging Image			
Carton Case		Flight Case (if required)