

FINE PIXEL PITCH LED DISPLAY

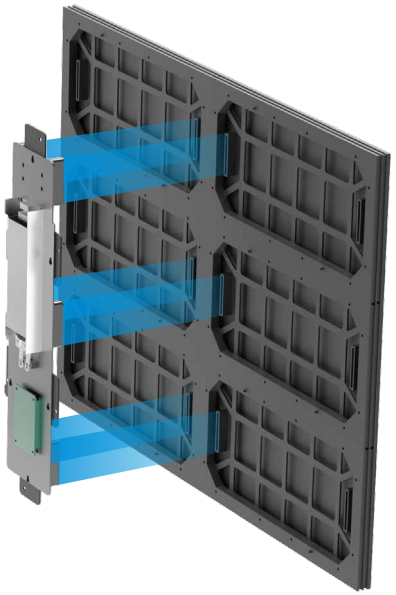
TH SERIES

- No Seam
- High Definition
- High Refresh Rate
- Rich Color
- High Reliability
- Easy Service

Highlights

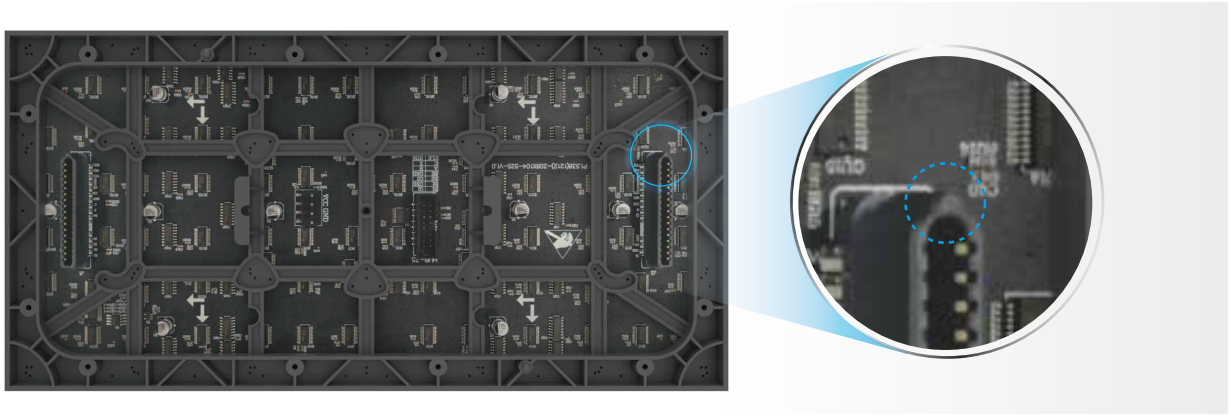
Hard-wired design

The module and the cabinet adopt hard-connected design which makes the transmission more stable. No exposed wires inside the cabinet makes it look more neat.



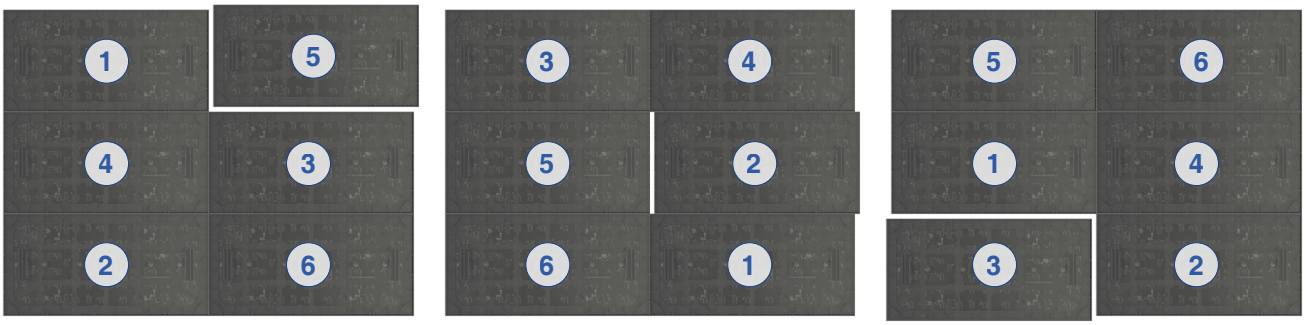
Foolproof design of the module

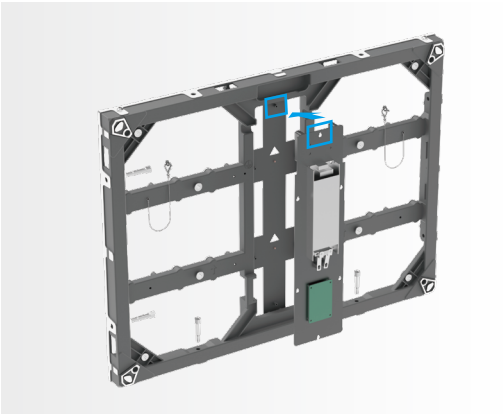
The foolproof design is added at the interface to effectively prevent the module from being plugged in backwards causing abnormal displays.



Flexible installation of the module

The module is equipped with a storage IC. After the whole screen is corrected, the correction data is saved in the IC, the module sequence is changed arbitrarily, and the correction data is automatically read.
It allows importing of correction data to enable the correction without the need for re-adjustment when using the Spare Parts module.



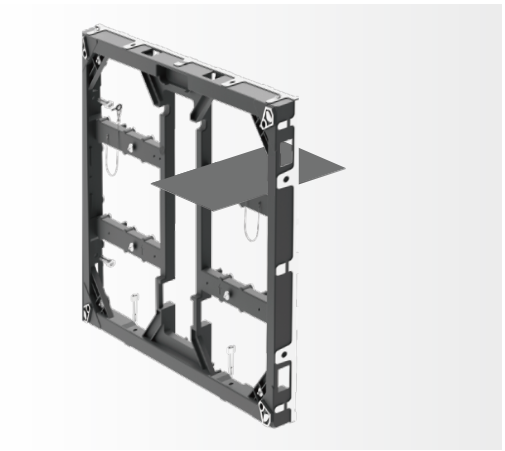


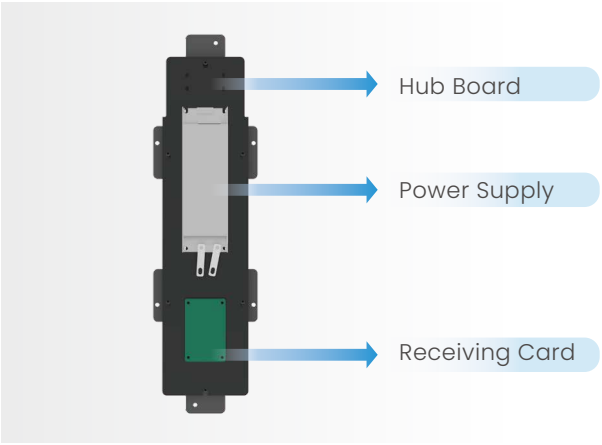
Tool Free Disassembly

The Hub board adopts the design of gourd hole and is directly fixed with the column of the cabinet, which can realize the quick disassembly without tools.

Supports front/ rear maintenance

It supports a variety of maintenance methods to meet the needs of various application scenarios.



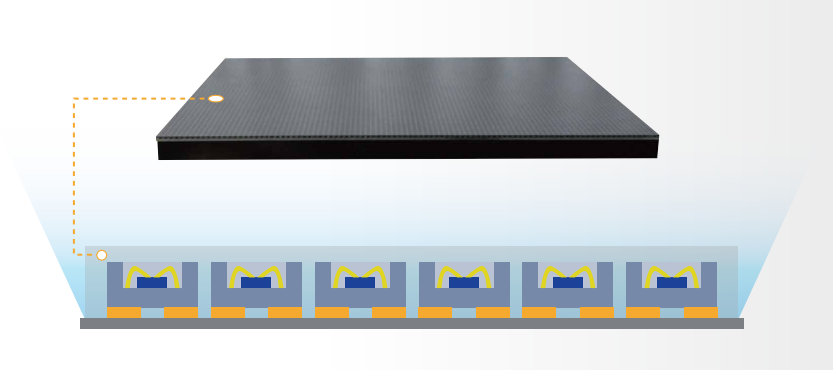


3-in-1 design

It offers hub board, power supply, receiving card, integrated design, and easy maintenance.

Customizable addition of GOB process

It can effectively prevent lamp defects, enhancing the protection of the product.



Specifications

Model	DHI-PHEIA1.2-TH	DHI-PHEIA1.5-TH	DHI-PHEIA1.8-TH	DHI-PHEIA2-TH	DHI-PHEIA2.5-TH	DHI-PHEIA3-TH	DHI-PHEIA4-TH
Pixel Pitch	1.25mm	1.538mm	1.86mm	2mm	2.5mm	3.076mm	4mm
Pixel Configuration	1R1G1B	1R1G1B	1R1G1B	1R1G1B	1R1G1B	1R1G1B	1R1G1B
LED Type	SMD1010	SMD1010	SMD1515	SMD1515	SMD2121	SMD2121	SMD2121
Brightness (Max)	600 nit	600 nit	600 nit	600 nit	600 nit	600 nit	600 nit
Color Temperature	2000k-9500k	2000k-9500k	2000k-9500k	2000k-9500k	2000k-9500k	2000k-9500k	2000k-9500k
Viewing Angle	H140°/V140°	H140°/V140°	H140°/V140°	H140°/V140°	H140°/V140°	H140°/V140°	H140°/V140°
Pixel Density	640000 dots/m²	422500 dots/m²	288906 dots/m²	250000 dots/m²	160000 dots/m²	105688 dots/m²	62500 dots/m²
Module Size	W320mmxH160mm	W320mmxH160mm	W320mmxH160mm	W320mmxH160mm	W320mmxH160mm	W320mmxH160mm	W320mmxH160mm
Module Resolution	256x128 dots	208x104 dots	172x86 dots	160x80 dots	128x64 dots	104x52 dots	80x40 dots
Cabinet Size	W640xH480xD54mm	W640xH480xD54mm	W640xH480xD54mm	W640xH480xD54mm	W640xH480xD54mm	W640xH480xD54mm	W640xH480xD54mm
Cabinet Resolution	512x384 dots	416x312 dots	344x258 dots	320x240 dots	256x192 dots	208x156 dots	160x120 dots
Cabinet Weight	6.5kg	6.5kg	6.5kg	6.5kg	6.5kg	6.5kg	6.5kg
Cabinet Material	Die-cast aluminum	Die-cast aluminum	Die-cast aluminum	Die-cast aluminum	Die-cast aluminum	Die-cast aluminum	Die-cast aluminum
Cabinet Aspect Ratio	4:3	4:3	4:3	4:3	4:3	4:3	4:3
IP Rating	Front IP30/Rear IP30	Front IP30/Rear IP30	Front IP30/Rear IP30	Front IP30/Rear IP30	Front IP30/Rear IP30	Front IP30/Rear IP30	Front IP30/Rear IP30
Operating Temperature/ Humidity	-10°C~+45°C 10%RH~80%RH	-10°C~+45°C 10%RH~80%RH	-10°C~+45°C 10%RH~80%RH	-10°C~+45°C 10%RH~80%RH	-10°C~+45°C 10%RH~80%RH	-10°C~+45°C 10%RH~80%RH	-10°C~+45°C 10%RH~80%RH
Storage Temperature/ Humidity	-20°C~+55°C 10%RH~80%RH	-20°C~+55°C 10%RH~80%RH	-20°C~+55°C 10%RH~80%RH	-20°C~+55°C 10%RH~80%RH	-20°C~+55°C 10%RH~80%RH	-20°C~+55°C 10%RH~80%RH	-20°C~+55°C 10%RH~80%RH
Gray Scale	14bit	14bit	14bit	14bit	14bit	14bit	14bit
Contrast Ratio	5000:1	5000:1	5000:1	5000:1	5000:1	5000:1	5000:1
Refresh Rate	3840 Hz	3840 Hz	3840 Hz	3840 Hz	3840 Hz	3840 Hz	3840 Hz
Input Power Frequency	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz
Input Voltage	100-240V/AC	100-240V/AC	100-240V/AC	100-240V/AC	100-240V/AC	110-240V AC	110-240V AC
Input Power (Max)	650 W/m²	650 W/m²	650 W/m²	650 W/m²	650 W/m²	650 W/m²	650 W/m²
Input Power (Avg)	210 W/m²	210 W/m²	210 W/m²	210 W/m²	210 W/m²	210 W/m²	210 W/m²
Installation Mode	Wall Mounted/Floor Mounted	Wall Mounted/Floor Mounted	Wall Mounted/Floor Mounted	Wall Mounted/Floor Mounted	Wall Mounted/Floor Mounted	Wall Mounted/Floor Mounted	Wall Mounted/Floor Mounted
Maintenance Mode	Front and Rear Maintenance	Front and Rear Maintenance	Front and Rear Maintenance	Front and Rear Maintenance	Front and Rear Maintenance	Front and Rear Maintenance	Front and Rear Maintenance
Signal Transmission Distance	CAT5 Cable (L≤100m), multi-mode fiber (L≤300m), single mode fiber (L≤10km)	CAT5 Cable (L≤100m), multi-mode fiber (L≤300m), single mode fiber (L≤10km)	CAT5 Cable (L≤100m), multi-mode fiber (L≤300m), single mode fiber (L≤10km)	CAT5 Cable (L≤100m), multi-mode fiber (L≤300m), single mode fiber (L≤10km)	CAT5 Cable (L≤100m), multi-mode fiber (L≤300m), single mode fiber (L≤10km)	CAT5 Cable (L≤100m), multi-mode fiber (L≤300m), single mode fiber (L≤10km)	CAT5 Cable (L≤100m), multi-mode fiber (L≤300m), single mode fiber (L≤10km)

*Design and specifications are subject to change without notice.

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