



ALL YOUR IMAGINATIONS CAN BE CREATED

GUARD Series

Ultra HD 5G

Indoor Fine Pixel Pitch LED Display



PRODUCT OVERVIEW



The GUARD Series is a 5G large bandwidth base designed product for extremely high density LED. It's compatible for COB, SMD, MIP and IMD modules, mainly used control fields such as security monitoring, command and dispatch, video conferencing, broadcasting.



5G Large
Bandwidth
Capability



Better Heat
Dissipation



High Compatibility
SMD/IMD/COB/MIP



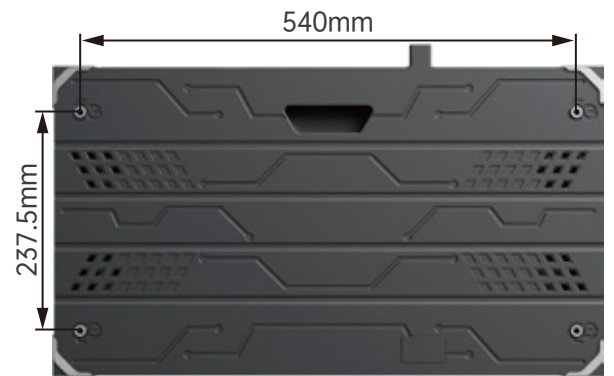
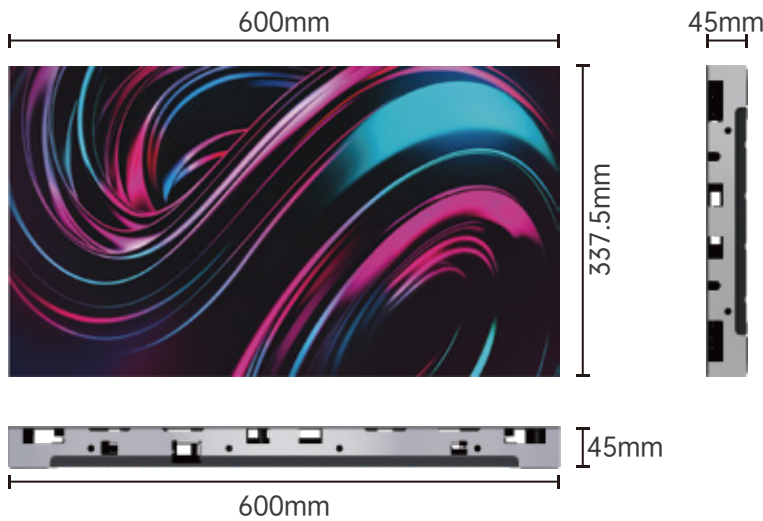
High
Frame Rate



Power Supply
Receive Card
Redundant

PRODUCT DISPLAY

600*337.5*45



PRODUCT FEATURES



Pixel Pitch: P1.25
Cabinet Resolution: 480x270mm
Input Source: 10Bit/60Hz HDR

Before



1G: Each network cable
can drive 2 cabinets.

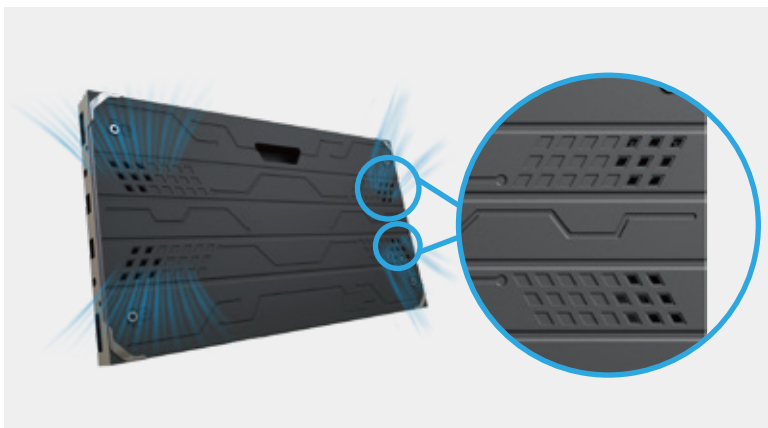
VS

After

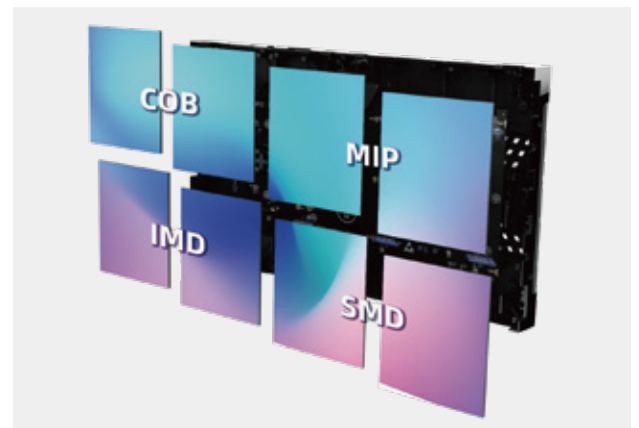


5G: Each network cable
can drive 12 cabinets.

5G Large Bandwidth Capability: The Guard Series offers advanced 5G transmission and control technology, specifically designed for Mini or Micro LED displays with high pixel density. It allows for better performance with easy cabling.



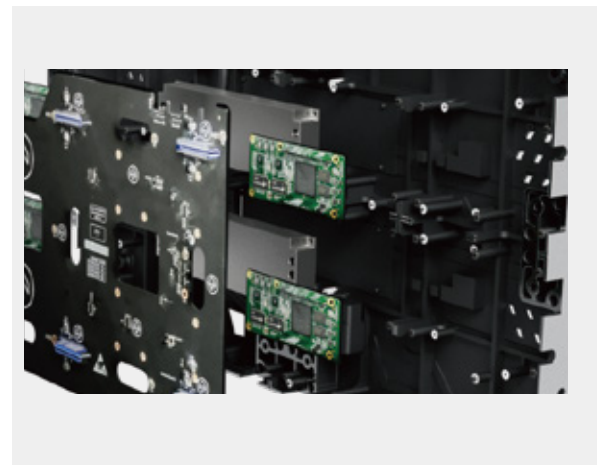
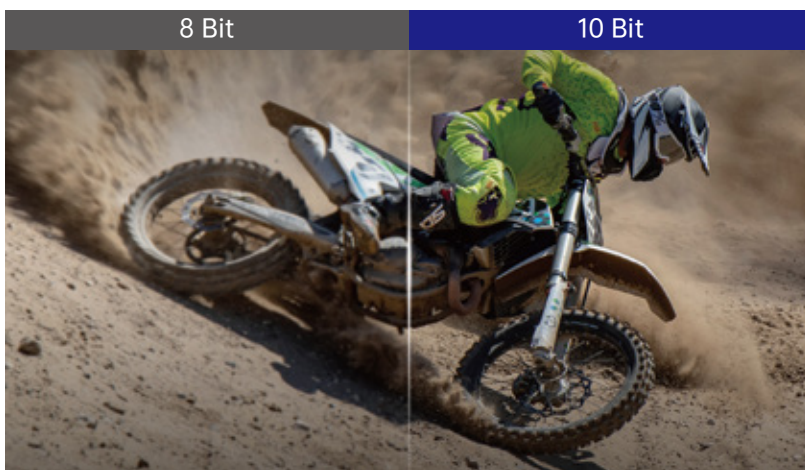
Better Heat Dissipation: The cabinet's unique eight-channel design at the rear ensures optimal ventilation, effectively reducing screen temperature.



High Compatibility: The cabinet is compatible with all COB, SMD, MIP and IMD modules.

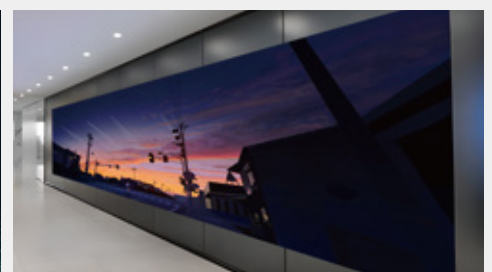
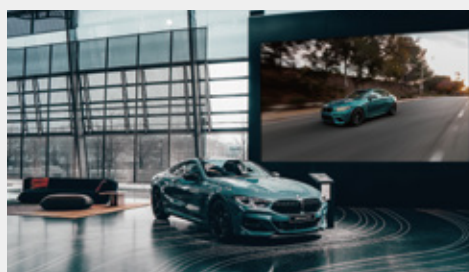
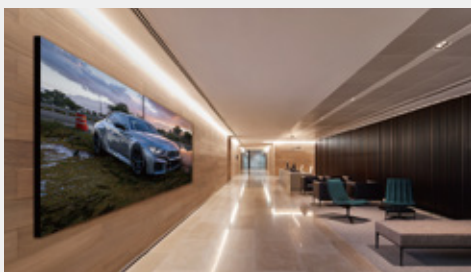


High Frame Rate: Support high frame rate video source: 10Bits / 60Hz / 120Hz / 240Hz.



Redundant: Support power supply and receive card redundant.

APPLICATIONS




	63Q06	63Q07	63Q09	63Q12	63Q15
Pixel Pitch (mm)	P0.625	P0.78125	P0.9375	P1.25	P1.5625
Pixel Density (dots/m ²)	2,560,000	1,638,400	1,137,778	640,000	409,600
Cabinet Resolution (W×H)	960×540	768×432	640×360	480×270	384×216
Pixel Configuration	COB (SMD / IMD / MIP optional)				
Brightness (nits)	200~1000 (Adjustable)				
Cabinet Size (mm)(W×H×D)	600×337.5×45				
Pixel Calibration	Support brightness and color calibration				
Gray Scale (bit)	14~16				
Color Temp (K)	2000~12000 (Adjustable)				
Drive IC	ICN / MBI / Xm-Plus				
Frame Rate (Hz)	60 / 120 / 240				
Refresh Rate (Hz)	3840~7680				
Working Voltage (V)	AC: 100V~240V, 50~60Hz				
Lifetime (H)	100,000				
Operation Temp (°C)	-10~+40				
Storage Temp (°C)	-20~+60				
Operation Humidity (RH)	10%~80%, no condensation				
Cabinet Weight (kg)	5.5				

The parameter index will change according to the specific situation of the project (the product shall be subjected to the submitted contract specification)

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