



# TQM-I Series

SMD LED

Provide the clarity, reliability and visual power image



4:3 Ration Design



Die- Cast Aluminum



No noise



High Protection



Flatness

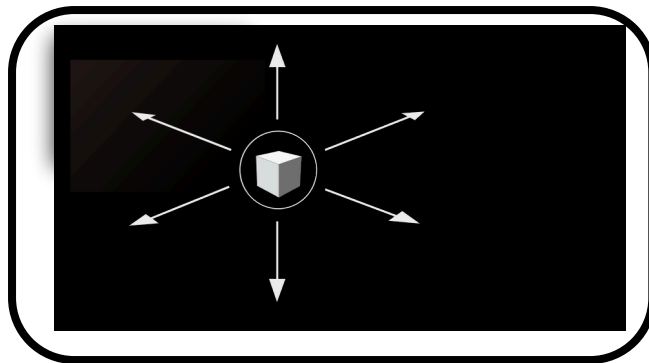


High Heat Dissipation



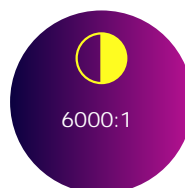
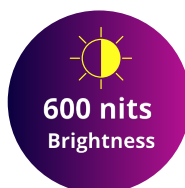
## Efficient Heat Dissipation Super-Mute

Using high heat dissipation panel processing technology, fast heat dissipation, longer product life, fanless ultra quiet design, natural heat, zero noise, more suitable for indoor applications.



## Wide Color Gamut

Delicate and realistic, the picture is smooth and natural.



## High contrast can achieve good display effect

The module adopts a matte black finish treatment, ensuring a uniform and consistent ink-like colour.



## 4:3 ratio design is used to facilitate any splicing

Easily achieve FUHD large screen



## Full Front Maintenance

No maintenance channel is required, saving installation space.





## Unique Hole Positions, Various Installation Options

The four corners of the cabinet have front and rear bi-directional mounting holes, supporting fixed mounting, wall mounting and other installation options, suitable for various installation environments.

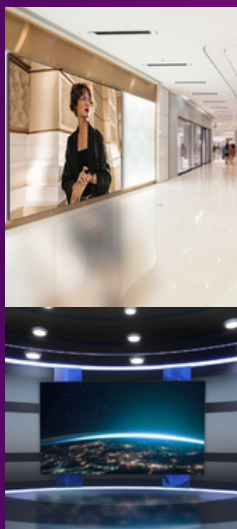
## Dual Backup, Multiple Protection

The receiving card and power supply both support dual backups. If the signal receiver or power module fails, it will automatically switch to the backup module to ensure normal display and provide protection for continuous display



## Comprehensive Applications

Suitable for high-end conference rooms,  
broadcast audiovisuals, exhibition halls, and more.



# SPECIFICATIONS

Item	TQM-I 6412	TQM-I 6415	TQM-I 6416	TQM-I 6418	TQM-I 6420	TQM-I 6425	TQM-I 6430	TQM-I 6440
Pixel Pitch(mm)	1.25	1.53	1.667	1.86	2	2.5	3	4
Pixel Density (Pixels/Sqm)	640000	422500	360000	288906	250000	160000	105672	62500
Input Voltage	100-240V $\pm$ 10%							
Lamp Type	SMD1010	SMD1212	SMD1212	SMD1515	SMD1515	SMD2020	SMD2020	SMD2020
Drive Mode	1/64	1/52	1/26	1/43	1/40	1/32	1/26	1/20
Refresh Rate	3840Hz-7680Hz							
Viewing Angle (Horizontal   Vertical )	160/160	140/140	140/140	140/140	140/140	140/140	140/140	140/140
Module Size(WxH) (mm)	320x160mm							
Module Resolution	256×128	208×104	192×96	172×86	160×80	128×64	104×52	80×40
Module Maximum Power Consumption (W)	≤25	≤24	≤24	≤24	≤24	≤24	≤24	≤24
Module Of Cabinet (W×H)	2x3							
Cabinet Size (WxH) (mm)	640x480							
Cabinet Resolution	512×384	416×312	384×288	344×261	320×240	256×192	208×156	160×120
Cabinet Area (㎡)	0.3072sqm							
Cabinet Weight (Kg)	5.3							
Maintain Method	Front / Rear Maintenance							
Screen Flatness (mm)	≤0.1mm							
Cabinet Material	Die-Cast Aluminum							
Dot-dot Correction	Support							
White Balance Brightness(cd/㎡)	≤600 Adjustable							
Operating Temp(°C)	-40 ~ +70							
Storage Temp(°C)	-20°C~50°C							
Humidity Range	10 ~ 80 %RH							
Life Time	100000 h							