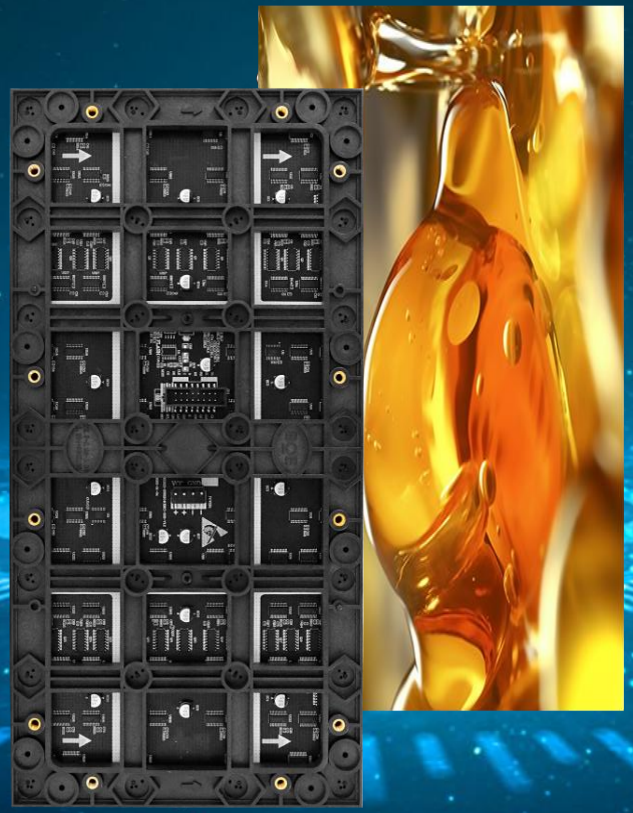
BOE | 30th

BTQ Series



Indoor Full Color Display

About BOE MLED

BOE MLED Technology Limited, a wholly owned subsidiary of BOE Technology Group, is a leading provider which specializing in the design, production and delivery of Mini / Micro LED display and solutions.

We are specializing in Research & Development, Manufacture and Sales of MLED Display & Backlight Solution.

Business Orientation

Creating Mini/Micro LED products portfolio with AM COG technology remaining core and SMD/COB developing side by side.

Vision

To become the global leader in Mini / Micro LED display and solutions.

Core Technology

Glass-based Semiconductor Display Technology, advanced Micron-level Encapsulation Technology, and Unique AM Drive Architecture.

BTQ Series Model

Model:

BTQ012S/BTQ015S/BTQ018S/BTQ020S/BTQ025S/BTQ030S

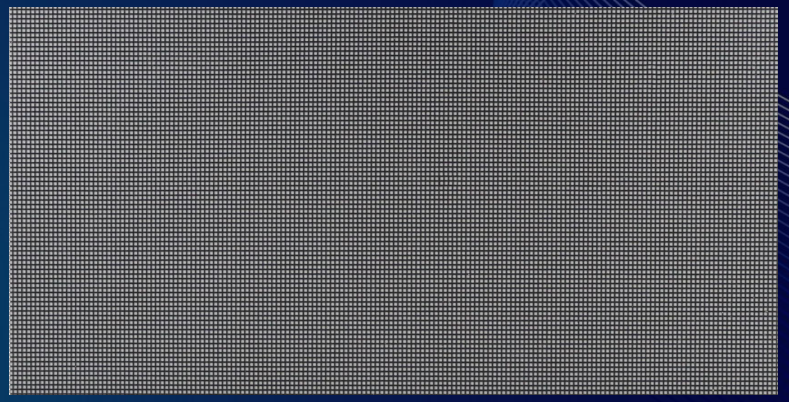
Pitch:

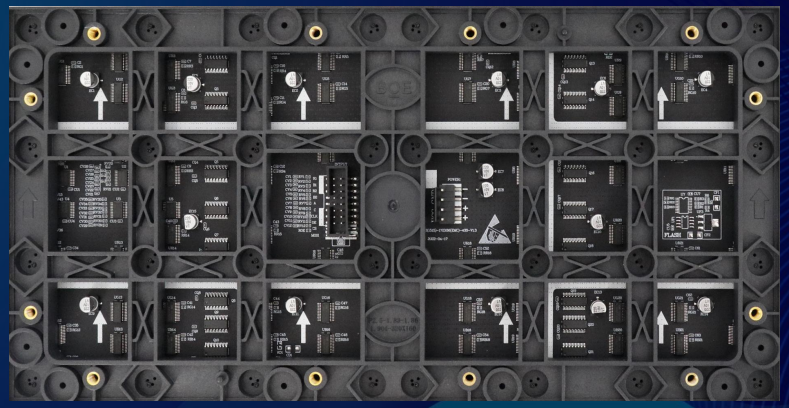
P1.25/P1.53/P1.86/P2.0/P2.5/P3

Module Size:

320mmX160mm（P1.25/P1.53/P1.86/P2.0/P2.5/P3.076）

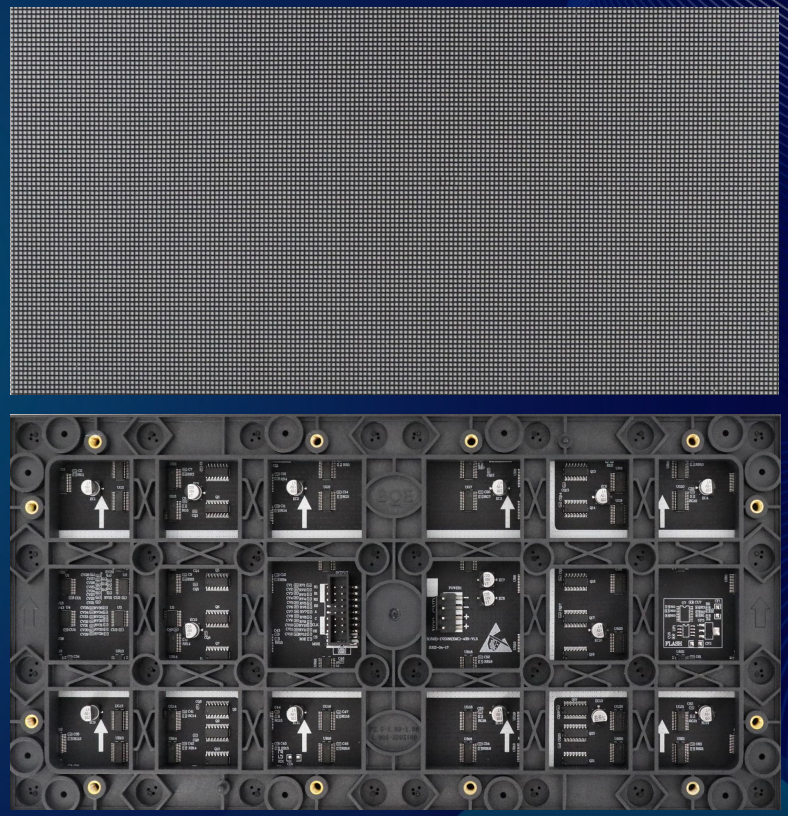
192mmX192mm（P3）





BTQ Model Feature

- High greyscale level
- High contrast ratio
- Wide viewing angle
- Stable and reliable
- Realistic and delicate image display



BTQ Model Specifications

Specifications	BTQ012S	BTQ015S	BTQ018S	BTQ020S	BTQ025S	BTQ030S
Pitch (mm)	1.25	1.538	1.86	2.0	2.5	3.0/3.076
LED Model	SMD1010	SMD1212	SMD1515	SMD1515	SMD2121	SMD2121/ SMD1515
Module Resolution	256*128	208*104	172*86	160*80	128*64	64*64/104*52
Pixel Density(dot/㎡)	640000	422500	288906	250000	160000	111111/105625
Module Size（mm）	320*160					192*192/320*160
Contrast Ratio	5000:1					
Brightness(cd/m^2)（nit）	≥600					
Color Temperature(K)	3000~15000 （Adjustable）					
Angle of View(°)	160°H/140°V					
Refresh Rate(Hz)	≤3840					
Max power consumption of a module（W）	＜20					＜14.7
Working Voltage(V)	5V					
Signal input interface type	HUB75					

BTQ Cabinet Optional

- Die-casting Aluminum
- The cabinet and module are front-mounted
- Saving installation space
- Maintaining easily
- Lightweight and easy to disassemble
- High flatness



BTQ Series Cabinet Specifications

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Pitch (mm)	1.25	1.538	1.86	2.0	2.5	3.0/3.076
LED Model	SMD1010	SMD1212	SMD1515	SMD1515	SMD2121	SMD2121/ SMD1515
Pixel Density(dot/㎡)	640000	422500	288906	250000	160000	111111/105625
Cabinet Size±Tolerance（mm×mm×mm)	639.85±0.10mm*479.85±0.10mm*44±0.10mm					/
Cabinet Weight±Tolerance（kg)	3.66Kg±0.1Kg / bare cabinet			8Kg±0.1Kg / with module		/
Brightness(cd/m^2)（nit)	≥600					
Color Temperature(K)	3000~15000 （Adjustable）					
Angle of View(°)	160°H/140°V					
Refresh Rate(Hz)	≤3840					
Max power consumption of a module（W)	＜20					＜14.7
Working Voltage(V)	5V					
Signal input interface type	HUB75					

Application Cases





Exhibition Center

Application Cases





Exhibition Halls

Application Cases





University

Application Cases



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Application Cases





Comand Rooms

Thanks