

QF Series

Indoor Fixed COB Panel


FCOB

Flip-Chip on Board

LED Chip

PCB

Specifications

Model	QF0.7	QF1.2	QF1.5
Pixel Pitch Exhibited(mm)	0.78	1.25	1.56
LED Type	COB (Flip chip)	COB (Flip chip)	COB (Flip chip)
Module Size(WxH)	150×168.75	150×168.75	150×168.75
Pixel Per Module(dots)	192×216	120×135	96×108
Panel Size(mm)	600×337.5×37	600×337.5×37	600×337.5×37
Pixel Per Panel(dots)	768×432	480×270	384×216
Material	Die casting aluminum	Die casting aluminum	Die casting aluminum
Weight(kg/panel)	4.6	4.5	4.5
Brightness(nits)	600	600	800
Gray scale (bit)	16	13	13
Refresh rate (Hz)	3840	3900	3840
Color Temperature(K)	3200~9300	3200~9300	3200~9300
Viewing angle(H)	170°	170°	170°
Viewing angle(V)	160°	160°	160°
Power Max. (W/m ²)	320	250	360
Operating Temperature(°C)	-10~+45	-10~+45	-10~+45
Module IP Rating (Front)	IP65	IP65	IP65
Installation/Maintenance	Front	Front	Front

Remark: Power consumption tolerance: ±15%, according to the actual situation.
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Super Protection



Waterproof



Moisture-proof



Anti-bump



Anti-static



Dustproof

Integrated Cabinet

The integrated cabinet results in good tightness and high overall protection



Cabinet Interior Modular Design



Multiple Installation

Support wall-mounted



Floor support installation



Die-cast Aluminum Cabinet

Strong electromagnetic shielding type, reducing the spread of electromagnetic energy



Full Front Maintenance



Stunning Display



16
Bit



3840_{Hz}
High refresh rate



8000:1
High contrast

Thin and Light Design



The module thickness is only 8.6mm, ultra-light and thin design, takes up little space

Good Flatness



The box structure adopts high strength sheet metal sandblast-ed iron box with unique segmented splicing technology. Effectively reduce the splicing gap of the screen body

Low Power Consumption and Energy Saving



Low current, low heat, Maximum power consumption of module: 22.5W/pcs, 440W/sqm



The module is equipped with 18 magnets, and the magnetic content of each magnet reaches 2000 GS, which solves the problems of degumming and warping of ordinary soft modules, and effectively improves the flatness and use effect of the screen

High Reliability



PCB board adopts flexible soft board, bottom shell adopts silica gel material, which has good flexibility and eliminates static electricity



The PCB board uses copper column welding and back glue to form a lockable iron base with the bottom shell, which makes the module more solid and reliable