







Contents

- 1. Product Overview
- 2. Key Functions and Features
- 3. Product Specifications



01 Product Overview



Physical Dimensions

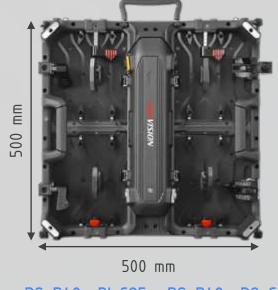


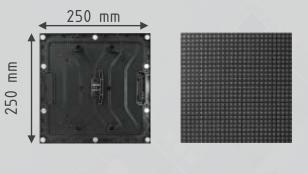


DS-D42xxRI-CQF DS-D42xxR0-CQ

CQ(FL) series LED cabinet is Hikvision's new generation rental LED featuring quick installation & uninstallation, slim and lightweight design, and silent operation. It's suitable for temporary video wall application scenarios like concerts, commercial events, sports events, etc.

- Certifications: CE-EMC, CE-LVD, CB-LVD and RoHS certifications
- Size: CQ&CQF are 500 \times 500 mm size while CQL&CQFL are 500 \times 1,000 mm size.

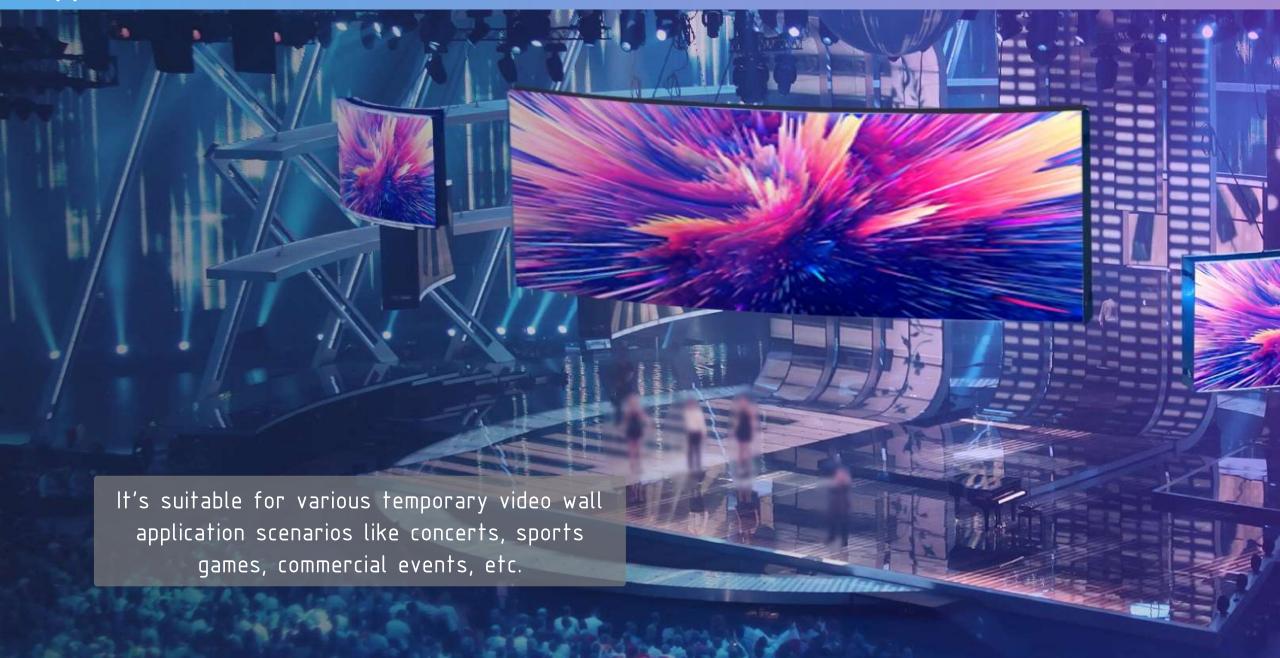




LED Module

Application Scenarios





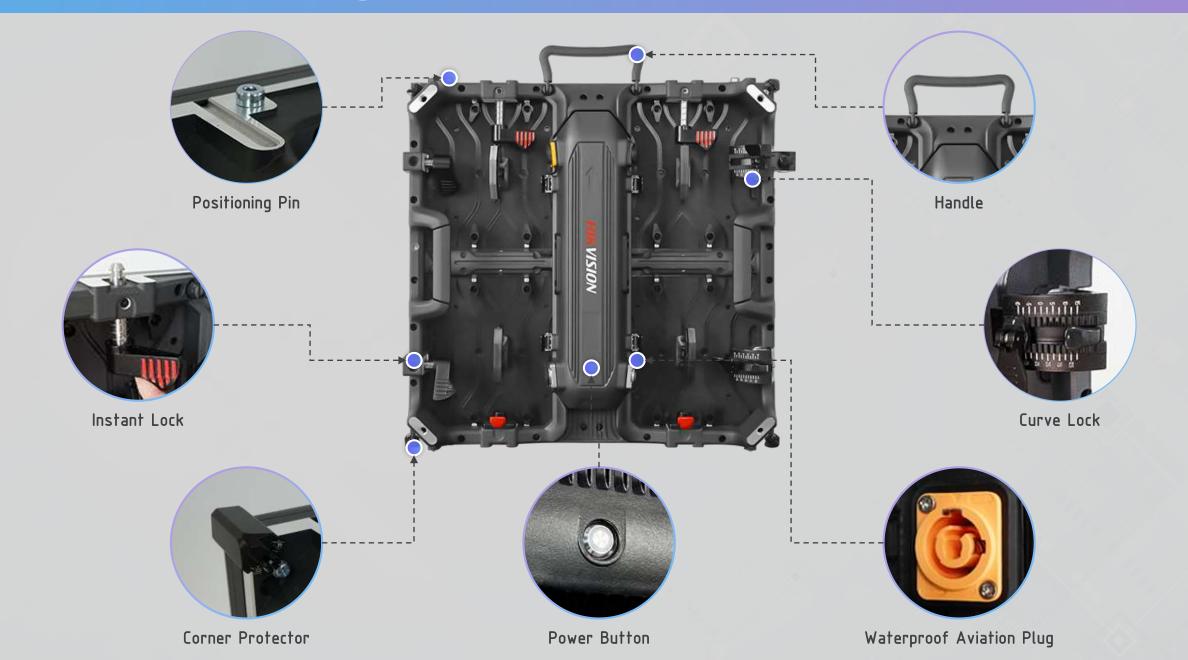


02 Key Functions and Features

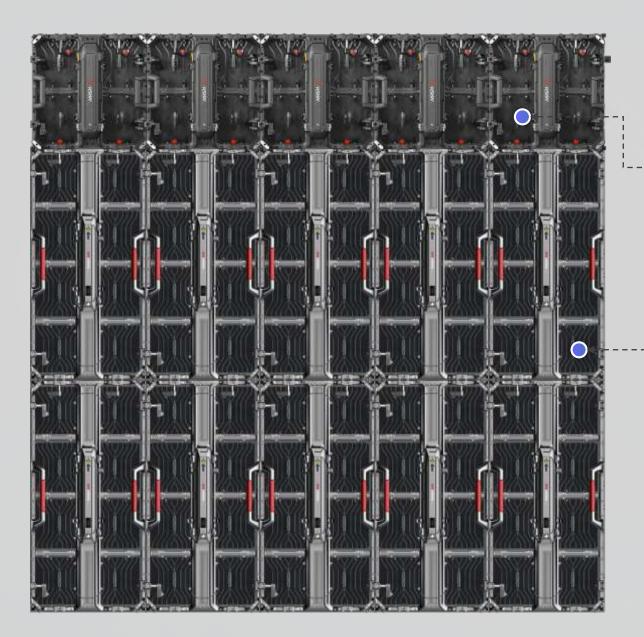


Advanced Industrial Design









500 x 500 mm cabinets

- More flexible in splicing size.

500 x 1000 mm cabinets

- More cost effective in unit area price.
- Higher installation and uninstallation efficiency.

The 500 \times 500 mm size model and the 500 \times 1,000 mm size model of the same pixel pitch can be mixed together to splice a video wall.

Ultra Lightweight and Slim Design



One person can easily lift the cabinet, ensuring easy installation and good splicing quality.



Ultra lightweight

 $500 \times 500 \text{ mm model} \le 7.5 \text{ Kg}$ $500 \times 1,000 \text{ model} \le 13 \text{ Kg}$



High Refresh Rate



Hikvision CQ(FL) series LED cabinet adopts high-end driving IC, and can achieve up to 3,840Hz high refresh rate, ensuring no display defects like flickering, ghosting or scanning lines.



▲ Display defects on low refresh rate LED cabinets

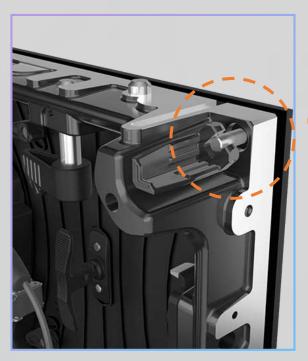


▲ No display defects on high refresh rate LED cabinets

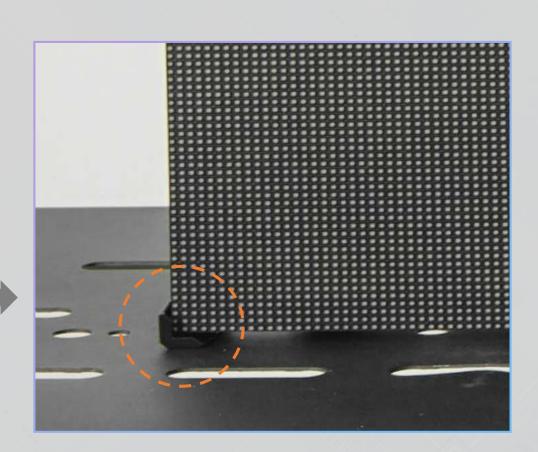
Detachable Corner Protector



There are detachable protective covers on the corners of the CQ(FL) cabinets. For the LED cabinets at the bottom left and right sides, they can prevent the cabinet contacting the ground directly, thus protecting the lamp beads.



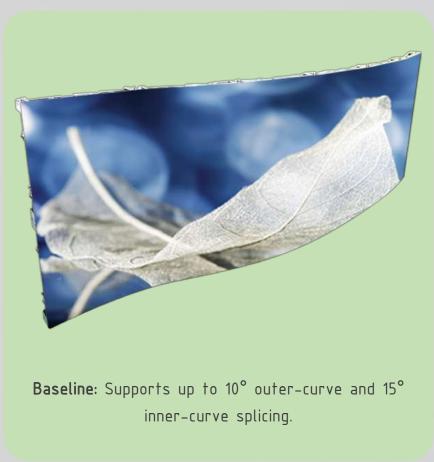






The curve lock and cut-edge design helps to achieve curve splicing.

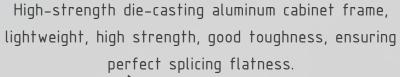






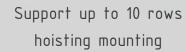
Accurate Splicing

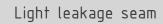


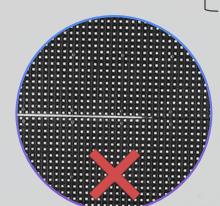


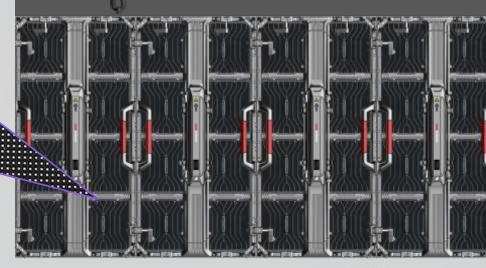


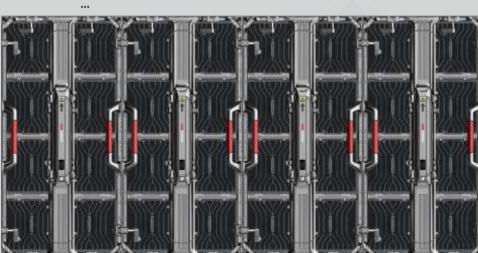
Undistorted cabinet and seamless splicing





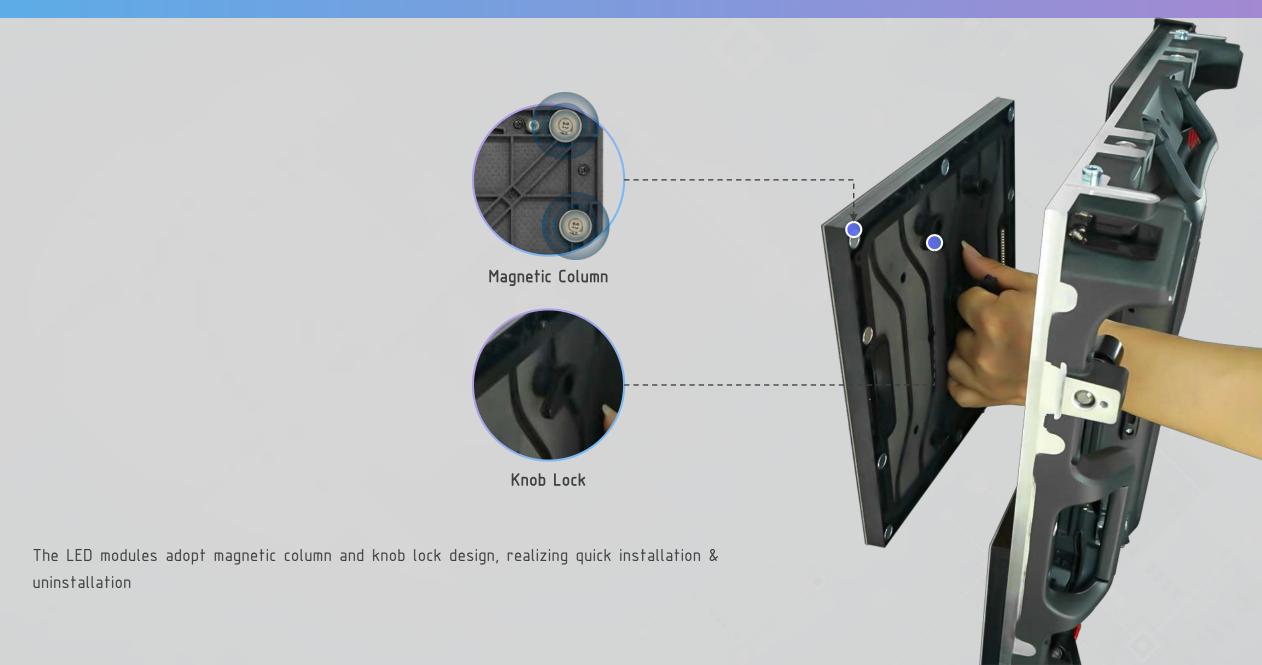






Quick Installation and Maintenance

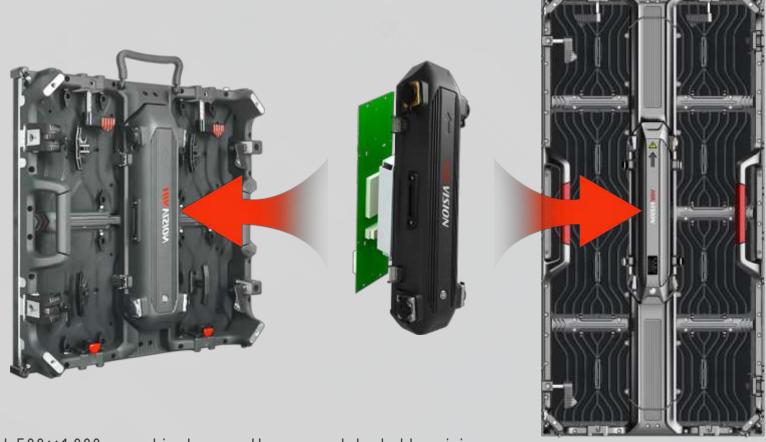






Detachable Mini Power Supply Unit





Both the 500×500 mm and $500 \times 1,000$ mm cabinets use the same detachable mini power supply unit, which saves installation and project delivery time.



03 Product Specifications



CQ(F) Series LED Cabinet- Indoor Models



Model		DS-D4219RI-CQF	DS-D4226RI-CQF	DS-D4229RI-CQF	DS-D4239RI-CQF	DS-D4248RI-CQF	DS-D4239RI-CQFL	DS-D4248RI-CQFL
Application Scenario		Indoor	Indoor	Indoor	Indoor	Indoor	Indoor	Indoor
Module	Pixel Structure	SMD triad LED	SMD triad LED	SMD triad LED	SMD triad LED	SMD triad LED	SMD triad LED	SMD triad LED
	Pixel Pitch (mm)	1.953	2.604	2.971	3.91	4.81	3.91	4.81
	Module Composition ($W \times H$)	2 × 2	2 × 2	2 × 2	2 × 2	2 × 2	2 × 4	2 × 4
Cabinet	Cabinet Dimension (W × H × D, mm)	500 × 500 × 90	500 × 500 × 90	500 × 500 × 90	500 × 500 × 90	500 × 500 × 90	500 × 1,000 × 90	500 × 1,000 × 90
		(19.69" × 19.69" ×	(19.69" × 19.69" ×	(19.69" × 19.69" ×	(19.69" × 19.69" ×	(19.69" × 19.69" ×	(19.69" × 39.37" ×	(19.69" × 39.37" ×
		3.54")	3.54")	3.54")	3.54")	3.54")	3.54")	3.54")
	Cabinet Resolution (W × H)	256 × 256	192 × 192	168 × 168	128 × 128	104 × 104	128 × 256	104 × 208
	Cabinet Weight	7.5 Kg (16.53 lb)	7.5 Kg (16.53 lb)	7.5 Kg (16.53 lb)	7.5 Kg (16.53 lb)	7.5 Kg (16.53 lb)	11.5 Kg (25.35 lb)	11.5 Kg (25.35 lb)
	Pixel Density (dots/m²)	262,144	147,456	112,896	65,536	43,264	65,536	43,264
	Cabinet Material	Die-casting	Die-casting	Die-casting	Die-casting	Die-casting	Die-casting	Die-casting
		Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum
		Front maintenance	Front maintenance	Front maintenance	Front maintenance	Front	Front	Front
			for all components			maintenance for	maintenance for	maintenance for
			Tor directiporieriis	Tor dir components	Tor directification	all components	all components	all components
	Profection Level		Front and rear both	Front and rear both	Front and rear both		Front and rear	Front and rear
		IP40	IP40	IP40	IP40	both IP40	both IP40	both IP40
Optical	Brightness (nits)	800	800	800	800	800	800	800
	Color Temperature (K)	3,000 to 10,000	3,000 to 10,000	3,000 to 10,000	3,000 to 10,000	3,000 to 10,000	6,000 to 8,000	6,000 to 8,000
		adjustable	adjustable	adjustable	adjustable	adjustable	adjustable	adjustable
	Viewing Angle	Horizontal 120°,	Horizontal 120°,	Horizontal 120°,	Horizontal 120°,	Horizontal 120°,	Horizontal 120°,	Horizontal 120°,
		vertical 120°	vertical 120°	vertical 120°	vertical 120°	vertical 120°	vertical 120°	vertical 120°
	Contrast Ratio	5,000 : 1	5,000 : 1	5,000 : 1	5,000 : 1	5,000 : 1	5,000 : 1	5,000 : 1
Electrical	Peak Consumption (W/m²)	500	500	500	500	500	500	500
	Average Consumption (W/m²)	170	170	170	170	170	170	170
Processing Performance	Frame Rate (Hz)	60	60	60	60	60	60	60
	Refresh Rate (Hz)	3,840	3,840	3,840	3,840	3,840	3,840	3,840
	Grey Level (bit)	14	14	14	14	14	14	14
Package		Flight case	Flight case	Flight case	Flight case	Flight case	Flight case	Flight case
Certification		CE-EMC, CE-LVD,	CE-EMC, CE-LVD,	CE-EMC, CE-LVD,	CE-EMC, CE-LVD,	CE-EMC, CE-LVD,		
		CB-LVD, RoHS	CB-LVD, RoHS	CB-LVD, RoHS	CB-LVD, RoHS	CB-LVD, RoHS	CB-LVD, RoHS	CB-LVD, RoHS

CQ(F) Series LED Cabinet- Outdoor Models



Model		DS-D4226RO-CQ	DS-D4229RO-CQ	DS-D4239RO-CQ	DS-D4248RO-CQ	DS-D4239RO-CQL	DS-D4248RO-CQL
Application Scenario		Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Module	Pixel Structure	SMD triad LED	SMD triad LED				
	Pixel Pitch (mm)	2.6	2.971	3.91	4.81	3.91	4.81
	Module Composition ($W \times H$)	2 × 2	2 × 2	2 × 2	2 × 2	2 × 4	2 × 4
Cabinet	Cabinet Dimension (W × H × D, mm)	500 × 500 × 90 (19.69" × 19.69" × 3.54")	500 × 500 × 90 (19.69" × 19.69" × 3.54")	500 × 500 × 90 (19.69" × 19.69" × 3.54")	500 × 500 × 90 (19.69" × 19.69" × 3.54")	500 × 1,000 × 90 (19.69" × 39.37" × 3.54")	500 × 1,000 × 90 (19.69" × 39.37" × 3.54")
	Cabinet Resolution (W × H)	192 × 192	168 × 168	128 × 128	104 × 104	128 × 256	104 × 208
	Cabinet Weight	8 Kg (17.64 lb)	13 Kg (28.66 lb)	13 Kg (28.66 lb)			
	Pixel Density (dots/m²)	147,456	112,896	65,536	43,264	65,536	43,264
	Cabinet Material	Die-casting Aluminum	Die-casting Aluminum	Die-casting Aluminum	Die-casting Aluminum	Die-casting Aluminum	Die-casting Aluminum
	Maintenance Method	Rear maintenance	Rear maintenance				
	Protection Level	Front and rear both IP54	Front and rear both IP54				
Optical	Brightness (nits)	4,500	4,500	5,000	5,000	5,000	5,000
	Color Temperature (K)	3,000 to 10,000 adjustable	3,000 to 10,000 adjustable	6,000 to 8,000 adjustable	6,000 to 8,000 adjustable	6,000 to 8,000 adjustable	6,000 to 8,000 adjustable
	Viewing Angle	Horizontal 120°, vertical 120°	Horizontal 120°, vertical 120°				
	Contrast Ratio	5,000 : 1	5,000 : 1	5,000 : 1	5,000 : 1	5,000 : 1	5,000:1
Electrical	Peak Consumption (W/m²)	900	850	750	750	750	750
	Average Consumption (W/m²)	300	270	240	240	240	240
Processing Performance	Frame Rate (Hz)	60	60	60	60	60	60
	Refresh Rate (Hz)	3,840	3,840	3,840	3,840	3,840	3,840
	Grey Level (bit)	14	14	14	14	14	14
Package		Flight case	Flight case				
Certification		CE-EMC, CE-LVD, CB- LVD, RoHS	CE-EMC, CE-LVD, CB-LVD, RoHS	CE-EMC, CE-LVD, CB-LVD, RoHS			