Product Comparison

	Selected Product	COMPARE	COMPARE	Add product to compare
	DS-D4415FI-CKF	DS-D4418FI-CKF	DS-D4425FI-CKF	
	P1.53 Fine Fixel Pitch LED Display Unit	P1.86 Fine Fixel Pitch LED Display Unit	P2.5 Fine Fixel Pitch LED Display Unit	
Pixel Configuration	SMD 3-IN-1 LED	SMD 3-IN-1 LED	SMD 3-IN-1 LED	
Pixel Pitch Category	P1.53	P1.8	P2.5	
Pixel Pitch	1.538 mm	1.86 mm	2.5 mm	
Modules Component	3 × 2	3 × 2	3 × 2	
Dimensions (W × H × D)	640 mm × 480 mm × 69 mm (25.19" × 18.90" × 2.71")	640 mm × 480 mm × 69 mm (25.19" × 18.90" × 2.71")	640 mm × 480 mm × 69 mm (25.19" × 18.90" × 2.71")	
Resolution	416 × 312	344 × 258	256 × 192	
Area	0.3072 ㎡	0.3072 ㎡	0.3072 ㎡	
Weight	8.8 kg (19.4 lb.)	8.8 kg (19.4 lb.)	8.8 kg (19.4 lb.)	
Pixel Density	422500 dots/m²	288906 dots/m²	160000 dots/m²	
Lamp Board Housing	no housing	no housing	no housing	
Cabinet Material	Die-cast aluminum	Die-cast aluminum	Die-cast aluminum	
Maintenance Method	Front maintenance for all components	Front maintenance for all components	Front maintenance for all components	
Cabinet Flatness	0.1 mm	0.1 mm	0.1 mm	
Protection Level	Front protection level IP5X	Front protection level IP5X	Front protection level IP5x	
White Balance Brightness	600 cd/m²	600 cd/m²	600 cd/m²	
Color Temperature	3000 K to 10000 K adjustable	3000 K to 10000 K adjustable	3000 K to 10000 K adjustable	
Viewing Angle	Horizontal 160°, vertical 160°	Horizontal 160°, vertical 160°	Horizontal 160°, vertical 160°	
Contrast Ratio	≥ 5000:1	≥ 5000:1	≥ 5000:1	
Color Uniformity	≤ ± 0.003Cx，Cy	≤ ± 0.003Cx，Cy	≤ ± 0.003Cx，Cy	
Brightness Uniformity	≥ 97%	≥ 97%	≥ 97%	
Gross Weight	45 kg (99.21 lb.)	45 kg (99.21 lb.)	45 kg (99.21 lb.)	
Package Dimension (W × H × D)	784 mm × 741 mm × 800 mm (30.87" × 29.17" × 31.50") 4-in-1	784 mm × 741 mm × 800 mm (30.87" × 29.17" × 31.50") 4-in-1	784 mm × 741 mm × 800 mm (30.87" × 29.17" × 31.50") 4-in-1	
Lifespan	Lamp 100,000 hours	Lamp 100,000 hours	Lamp 100,000 hours	

Power Supply	200 to 240 VAC	200 to 240 VAC	200 to 240 VAC
Max. Consumption	≤ 600 W/m²	≤ 600 W/m²	≤ 600 W/m²
Average Consumption	≤ 200 W/m²	≤ 200 W/m²	≤ 200 W/m²
Driving Method	Constant current driving	Constant current driving	Constant current driving
Frame Frequency	60 Hz	60 Hz	60 Hz
Refresh Rate	3840 Hz	3840 Hz	3840 Hz
Grey Level	16 bit	16 bit	16 bit
Display Color	281 trillion	281 trillion	281 trillion
Working Temperature	-10 ℃ to 40 ℃ (14 ℉ to 104 ℉)	-10 ℃ to 40 ℃ (14 ℉ to 104 ℉)	-10 ℃ to 40 ℃ (14 ℉ to 104 ℉)
Working Humidity	10% to 80%RH	10% to 80%RH	10% to 80%RH
Storage Humidity	10% to 80%RH	10% to 80%RH	10% to 80%RH
Storage Temperature	-20 ℃ to 60 ℃ (-4 ℉ to 140 ℉)	-20 ℃ to 60 ℃ (-4 ℉ to 140 ℉)	-20 ℃ to 60 ℃ (-4 ℉ to 140 ℉)

DS-D4415FI-CKF
Full-Color LED Display
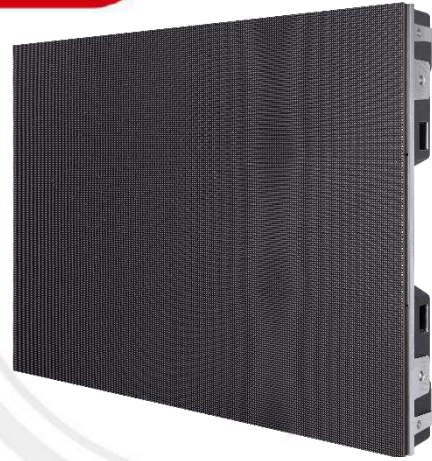
DS-D4415FI-CKF is the new generation small pixel pitch indoor full-color LED display. LED video wall features in seamlessness, high brightness/contrast, wide viewing angle, and accurate color restoration, achieving good visual effect. It is widely used in places such as monitoring center, command center, conference room, report hall, and exhibition hall.

- Displays position prompt of signal cable connection, convenient for quick connection of display unit and trouble shooting
- Acquires network statuses of receiving cards to help handle network communication problems
- Network loop backup improves product stability
- Dual-program backup enables the backup program of receiving cards for upgrade and restoration when exception occurs during program upgrading
- Loads parameters from the screen
- Low gray scale multiplication technology ensures more exquisite images

▪ Specification

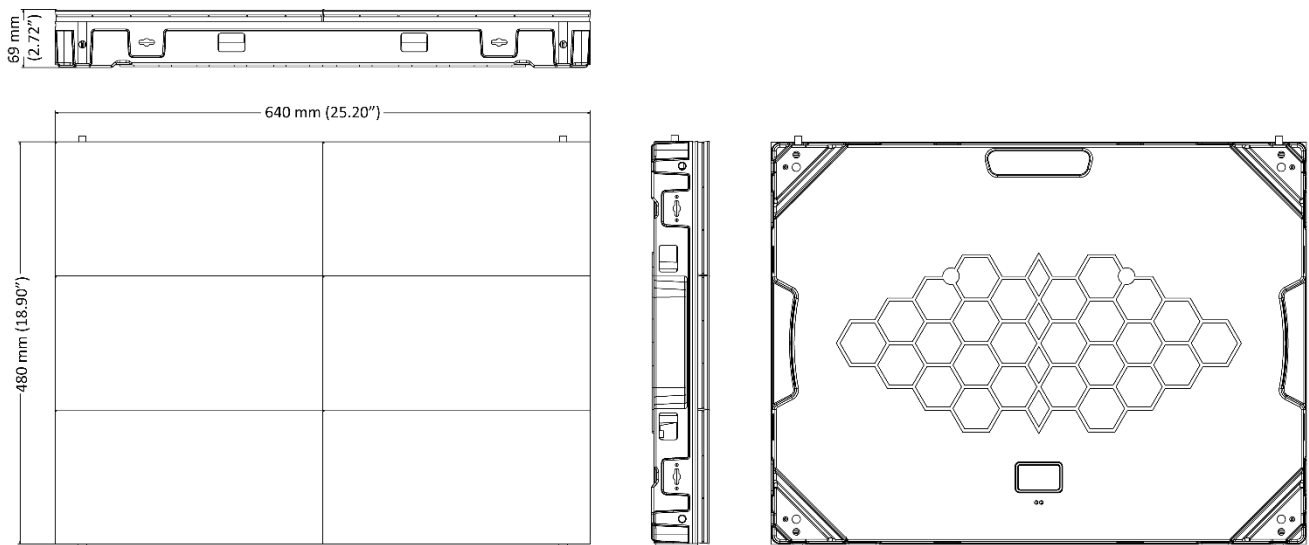| Model		DS-D4415FI-CKF
Cabinet	Pixel Configuration	SMD 3-IN-1 LED
	Pixel Pitch Category	P1.53
	Pixel Pitch	1.538 mm
	Modules Component	3 × 2
	Dimensions (W × H × D)	640 mm × 480 mm × 69 mm (25.19" × 18.90" × 2.71")
	Resolution	416 × 312
	Area	0.3072 ㎡
	Weight	8.8 kg (19.4 lb.)
	Pixel Density	422500 dots/m²
	Lamp Board Housing	no housing
	Cabinet Material	Die-cast aluminum
	Maintenance Method	Front maintenance for all components
	Cabinet Flatness	0.1 mm
	Protection Level	Front protection level IP5X
Display	White Balance Brightness	600 cd/m²
	Color Temperature	3000 K to 10000 K adjustable
	Viewing Angle	Horizontal 160°, vertical 160°
	Contrast Ratio	≥ 5000:1
	Color Uniformity	≤ ± 0.003Cx , Cy
	Brightness Uniformity	≥ 97%
Processing Performance	Driving Method	Constant current driving
	Frame Frequency	60 Hz
	Refresh Rate	3840 Hz
	Grey Level	16 bit
	Display Color	281 trillion
Power	Power Supply	200 to 240 VAC
	Max. Consumption	≤ 600 W/m²
	Average Consumption	≤ 200 W/m²
Working Environment	Working Temperature	-10 ℃ to 40 ℃ (14 ℉ to 104 ℉)
	Working Humidity	10% to 80%RH
	Storage Humidity	10% to 80%RH
	Storage Temperature	-20 ℃ to 60 ℃ (-4 ℉ to 140 ℉)
General	Gross Weight	45 kg (99.21 lb.)
	Package Dimension (W × H × D)	784 mm × 741 mm × 800 mm (30.87" × 29.17" × 31.50") 4-in-1
	Lifespan	Lamp 100,000 hours

HIKVISION®

▪ **Available Model**
DS-D4415FI-CKF

▪ **Typical Application**

IR IN

Remote Controller

*Power Distribution Cabinet

Power Cable

Network Cable

Category 5 Cable   Category 5 Cable   Category 5 Cable

LED Controller

DVI / HDMI   DVI / HDMI   DVI / HDMI

Note
→ Power Cable
— Network Cable
— Category 5 Cable
— DVI / HDMI

Switch

PC（LED Display Controller）

Video Wall Controller

DVI / HDMI

Signal Source

▪ Dimension

640 mm (25.20")

480 mm (18.90")

69 mm (2.72")

Unit: mm/inch

DS-D4418FI-CKF
Full-Color LED Display
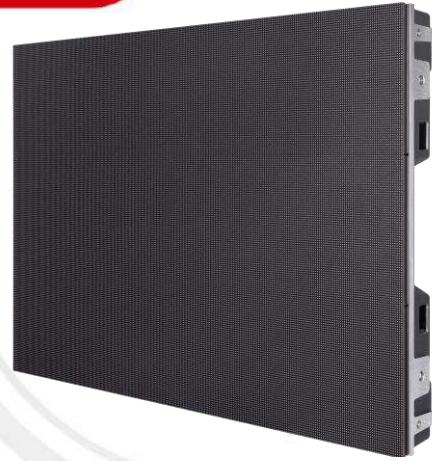
DS-D4418FI-CKF is the new generation small pixel pitch indoor full-color LED display. LED video wall features in seamlessness, high brightness/contrast, wide viewing angle, and accurate color restoration, achieving good visual effect. It is widely used in places such as monitoring center, command center, conference room, report hall, and exhibition hall.

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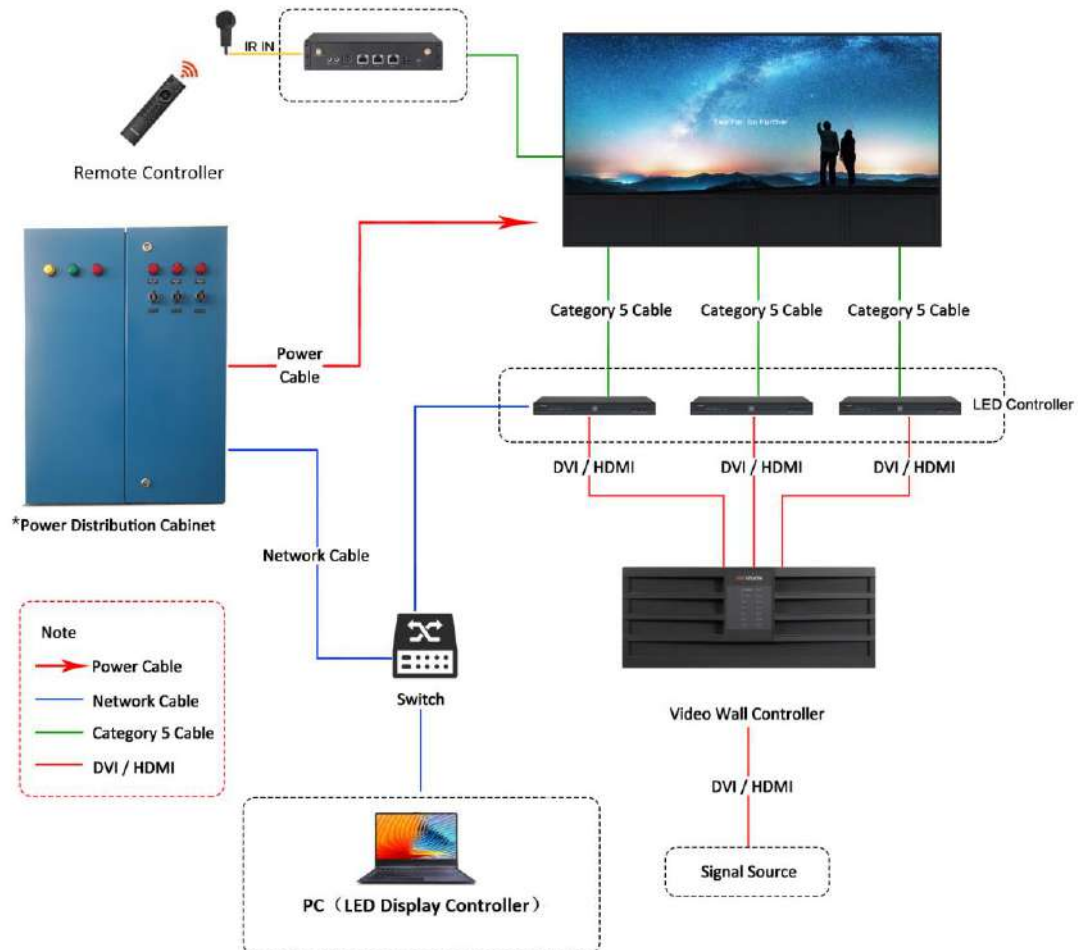- Low gray scale multiplication technology ensures more exquisite images

▪ **Specification**

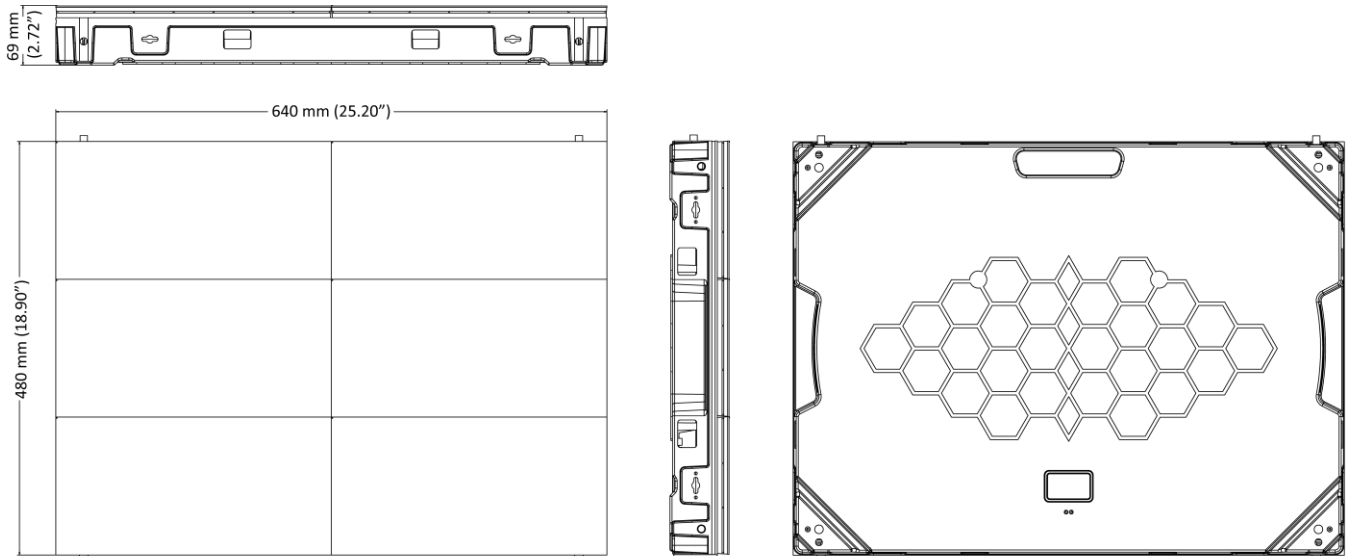| Model		DS-D4418FI-CKF
Cabinet	Pixel Configuration	SMD 3-IN-1 LED
	Pixel Pitch Category	P1.8
	Pixel Pitch	1.86 mm
	Modules Component	3 × 2
	Dimensions (W × H × D)	640 mm × 480 mm × 69 mm (25.19" × 18.90" × 2.71")
	Resolution	344 × 258
	Area	0.3072 ㎡
	Weight	8.8 kg (19.4 lb.)
	Pixel Density	288906 dots/m²
	Lamp Board Housing	no housing
	Cabinet Material	Die-cast aluminum
	Maintenance Method	Front maintenance for all components
	Cabinet Flatness	0.1 mm
	Protection Level	Front protection level IP5X
Display	White Balance Brightness	600 cd/m²
	Color Temperature	3000 K to 10000 K adjustable
	Viewing Angle	Horizontal 160°, vertical 160°
	Contrast Ratio	≥ 5000:1
	Color Uniformity	≤ ± 0.003Cx , Cy
	Brightness Uniformity	≥ 97%
Processing Performance	Driving Method	Constant current driving
	Frame Frequency	60 Hz
	Refresh Rate	3840 Hz
	Grey Level	16 bit
	Display Color	281 trillion
Power	Power Supply	200 to 240 VAC
	Max. Consumption	≤ 600 W/m²
	Average Consumption	≤ 200 W/m²
Working Environment	Working Temperature	-10 ℃ to 40 ℃ (14 ℉ to 104 ℉)
	Working Humidity	10% to 80%RH
	Storage Humidity	10% to 80%RH
	Storage Temperature	-20 ℃ to 60 ℃ (-4 ℉ to 140 ℉)
General	Gross Weight	45 kg (99.21 lb.)
	Package Dimension (W × H × D)	784 mm × 741 mm × 800 mm (30.87" × 29.17" × 31.50") 4-in-1
	Lifespan	Lamp 100,000 hours

▪ Available Model
DS-D4418FI-CKF

▪ Typical Application

▪ Dimension

Unit: mm/inch

DS-D4425FI-CKF
Full-Color LED Display
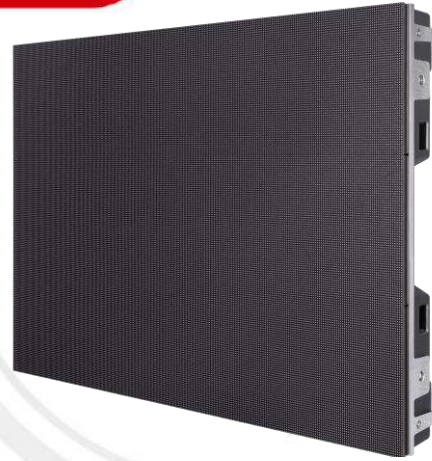
DS-D4425FI-CKF is the new generation small pixel pitch indoor full-color LED display. LED video wall features in seamlessness, high brightness/contrast, wide viewing angle, and accurate color restoration, achieving good visual effect. It is widely used in places such as monitoring center, command center, conference room, report hall, and exhibition hall.

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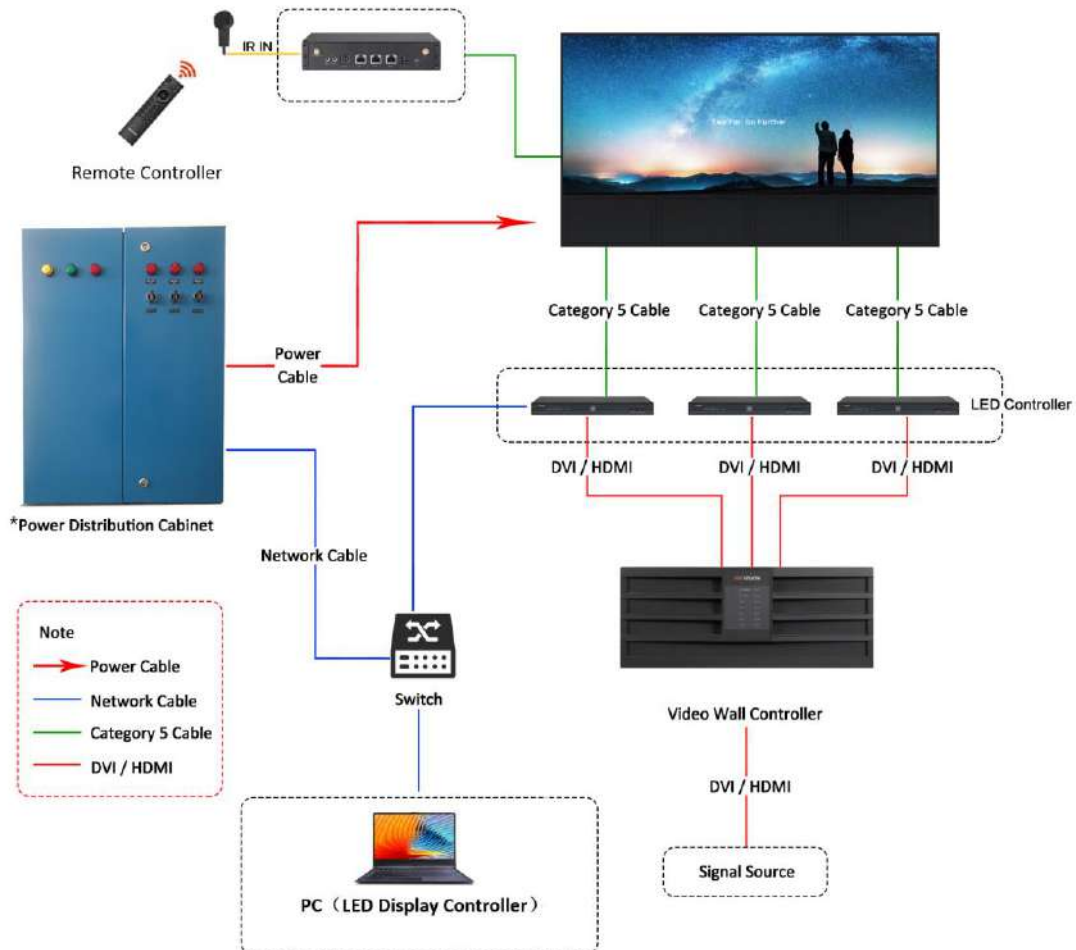- Low gray scale multiplication technology ensures more exquisite images

▪ Specification

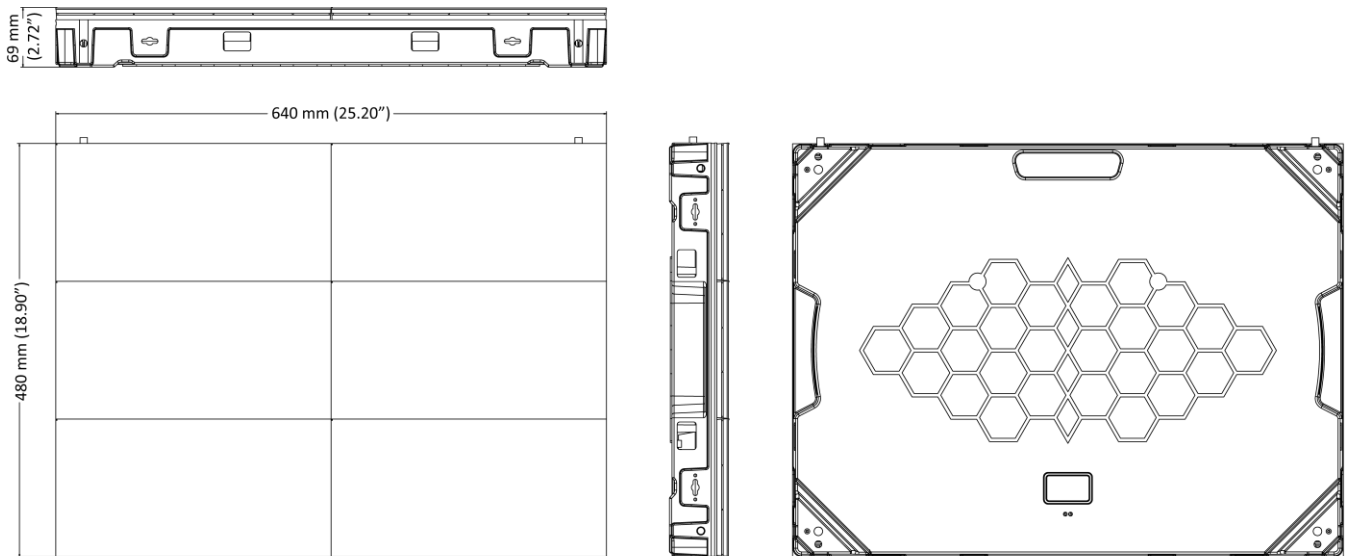| Model		DS-D4425FI-CKF
Cabinet	Pixel Configuration	SMD 3-IN-1 LED
	Pixel Pitch Category	P2.5
	Pixel Pitch	2.5 mm
	Modules Component	3 × 2
	Dimensions (W × H × D)	640 mm × 480 mm × 69 mm (25.19" × 18.90" × 2.71")
	Resolution	256 × 192
	Area	0.3072 ㎡
	Weight	8.8 kg (19.4 lb.)
	Pixel Density	160000 dots/m²
	Lamp Board Housing	no housing
	Cabinet Material	Die-cast aluminum
	Maintenance Method	Front maintenance for all components
	Cabinet Flatness	0.1 mm
	Protection Level	Front protection level IP5x
Display	White Balance Brightness	600 cd/m²
	Color Temperature	3000 K to 10000 K adjustable
	Viewing Angle	Horizontal 160°, vertical 160°
	Contrast Ratio	≥ 5000:1
	Color Uniformity	≤ ± 0.003Cx , Cy
	Brightness Uniformity	≥ 97%
Processing Performance	Driving Method	Constant current driving
	Frame Frequency	60 Hz
	Refresh Rate	3840 Hz
	Grey Level	16 bit
	Display Color	281 trillion
Power	Power Supply	200 to 240 VAC
	Max. Consumption	≤ 600 W/m²
	Average Consumption	≤ 200 W/m²
Working Environment	Working Temperature	-10 ℃ to 40 ℃ (14 ℉ to 104 ℉)
	Working Humidity	10% to 80%RH
	Storage Humidity	10% to 80%RH
	Storage Temperature	-20 ℃ to 60 ℃ (-4 ℉ to 140 ℉)
General	Gross Weight	45 kg (99.21 lb.)
	Package Dimension (W × H × D)	784 mm × 741 mm × 800 mm (30.87" × 29.17" × 31.50") 4-in-1
	Lifespan	Lamp 100,000 hours

▪ Available Model

DS-D4425FI-CKF

▪ Typical Application

IR IN

Remote Controller

*Power Distribution Cabinet

Power Cable

Network Cable

Note
- Power Cable
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- Category 5 Cable
- DVI / HDMI

Switch

PC（LED Display Controller）

Category 5 Cable   Category 5 Cable   Category 5 Cable

LED Controller

DVI / HDMI   DVI / HDMI   DVI / HDMI

Video Wall Controller

DVI / HDMI

Signal Source

▪ **Dimension**

69 mm
(2.72")

640 mm (25.20")

480 mm (18.90")

Unit: mm/inch