



# V( 3 × 1.69, 1.5, FHD) Display & Control Solution

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**HIKVISION**

## Table of Contents

Chapter 1 Project Design .....	1
1.1 Video Wall Rendering .....	1
1.2 Vertical/Side View .....	2
1.3 Recommended Solution .....	3
1.4 System Topology .....	7
Chapter 2 Installation .....	8
2.1 Bracket Installation .....	8
2.2 Structural Dimension Diagram .....	9
2.3 Cable Connection .....	10



# Chapter 1 Project Design

## 1.1 Video Wall Rendering



Figure 1.1.1 Video Wall Rendering



## 1.2 Vertical/Side View

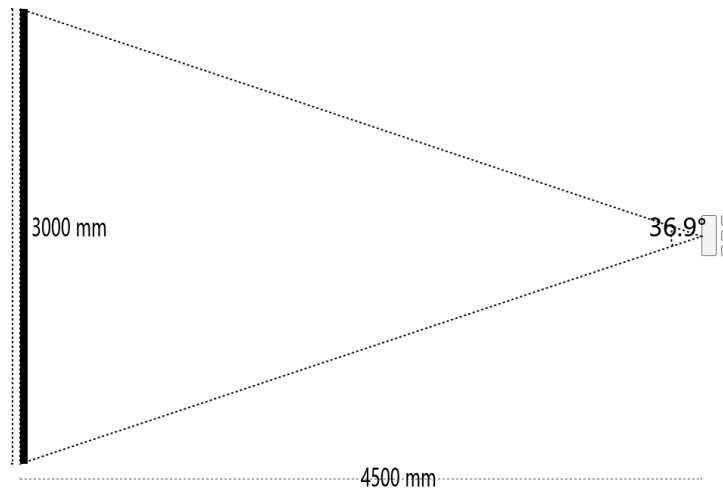


Figure 1.2.1 Side View

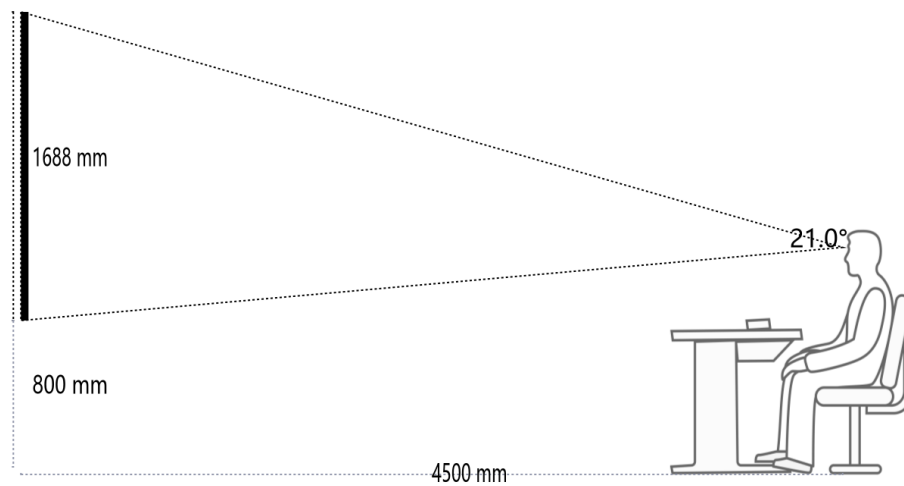


Figure 1.2.2 Vertical View

## 1.3 Recommended Solution

Table 1.3.1

Product Type	Model	Quantity	Unit	Technical Specs
Display				
LED Cabinet	DS-D4015BW-2FC/A 600*337.5mm Module 317006680	100	PCS	P1.5, COB, 300*168.75mm
LED Bracket	DP-D40XXCB22-1X1-Q0.2-NW-Q 0.2-ZF 336700086	25	PCS	600*337.5mm 1*1 Ultra-thin Modular Bracket
Cabinet Frame	DS-D40W-2F 317006689	25	PCS	DS-D40W-2F 600*337.5mm Cabinet Structure
Video Processing System				
LED Controller	DS-DT60C-01HI04NO 336800077	1	PCS	4 Ports LED Controller
Accessories				
Front Maintenance Tool	DS-D42MF2B 317000435	1	PCS	Support the maintenance of indoor LED front maintenance products
Main Power Cable	DS-D40W-2F/PC 317005385	2	PCS	DS-D40W-2F/PC(PowerC ableParcel)
Main Network Cable	DS-1NP6UEC0 307400635	4	PCS	CAT6, U/UTP, 24AWG, C U
Cross-Connecting Network Cable	DS-1NP6UEC0 307400627	4	PCS	CAT6, U/UTP, 24AWG, C U
Spare				
LED Module	DS-D4015BW-2FC/A 600*337.5mm Module 317006680	8	PCS	P1.5, COB, 300*168.75mm
Spare HUB Board	DS-D40W-2F/HUB 317006690	1	PCS	DS-D40W-2F/HUB 600*337.5mm Spare HUB

Table 1.3.2

Video Wall Parameters		
Video Wall Scale	Row × Column	5 × 5
	Display Quantity	25

Video Wall Parameters		
Video Wall Dimension	Width × Height	3.00 m × 1.69 m
	Size	5.06 sq.m
	Diagonal Length	135.5"
	Resolution	1920 × 1080
Load Bearing	Video Wall Weight	85.00 kg
	Bracket Weight	42.50 kg
Power Consumption	Max. Power Consumption	1.52 kW
	Average Power Consumption	0.51 kW

**Table 1.3.3**

DS-D4015BW-2FC		
Product Model	Product Model	DS-D4015BW-2FC
Product Type	Product Type	Fine Pixel Pitch Indoor Full-color LED Display
Display	White Balance Brightness	600 cd/sq.m
	Color Temperature	3000-10000 K adjustable
	Viewing Angle	160° (H)/160° (V)
	Contrast Ratio	15000:1
	Color Uniformity	≤ ± 0.003Cx, Cy
	Brightness Uniformity	≥ 97%
Module	Dimensions	300 × 168.75 mm
	Module Resolution	192 × 108

DS-D4015BW-2FC

Cabinet	Pixel Configuration	Flip-chip COB
	Pixel Pitch	1.5625 mm
	Pixel Pitch Category	P1.5
	Pixel Density	409600 dots/sq.m
	Modules Component	2 × 2
	Dimensions (W × H × D)	600 mm × 337.5 mm × 29.3 mm (23.622" × 13.287" × 1.154")
	Resolution	384 × 216
	Area	0.2025 sq.m
	Weight	3.4 kg
	Cabinet Material	Aluminium die casting
	Maintenance Method	Front maintenance for all components
Processing Performance	Driving Method	Constant current driving
	Frame Frequency	60 Hz
	Refresh Rate	3840 Hz
	Grey Level	16 bit
Power	Max. Consumption	≤300 W/sq.m ( 600nits )
	Average Consumption	≤100 W/sq.m
	Input Voltage	100~240 VAC ± 10%
Working Environment	Working Temperature	-10 °C to 40 °C (14 to 104 )
	Working Humidity	10% to 90% RH (without condensation)
	Storage Temperature	-20 °C to 60 °C (-4 to 140 )
	Storage Humidity	10% to 90% RH (without condensation)
General	Package Dimensions (W × H × D)	Module: 4-in-1(443X360X52mm) Structure: 5-in-1(708X393X433mm)
	Packing List	Regulatory Compliance and Safety Information × 1 Connecting screws, driver IC, iron sheets
	G.W.	4.56 kg ( 1 package in 1 box )
	Net Weight	3.4 kg
Bracket	Modular Bracket	standard bracket:DS-DL116033W 1*1;DS-DL226033W

DS-D4015BW-2FC

2\*2,ultra-thin  
bracket:DP-D40XXCB22-1X1-Q0.2-NW-Q0.2-ZF



# 1.4 System Topology

System Topology Picture

- Video Cable
- Network Cable
- 5E Cat5e Cable
- Bluetooth
- Power Cable
- USB Cable





# Chapter 2 Installation

## 2.1 Bracket Installation

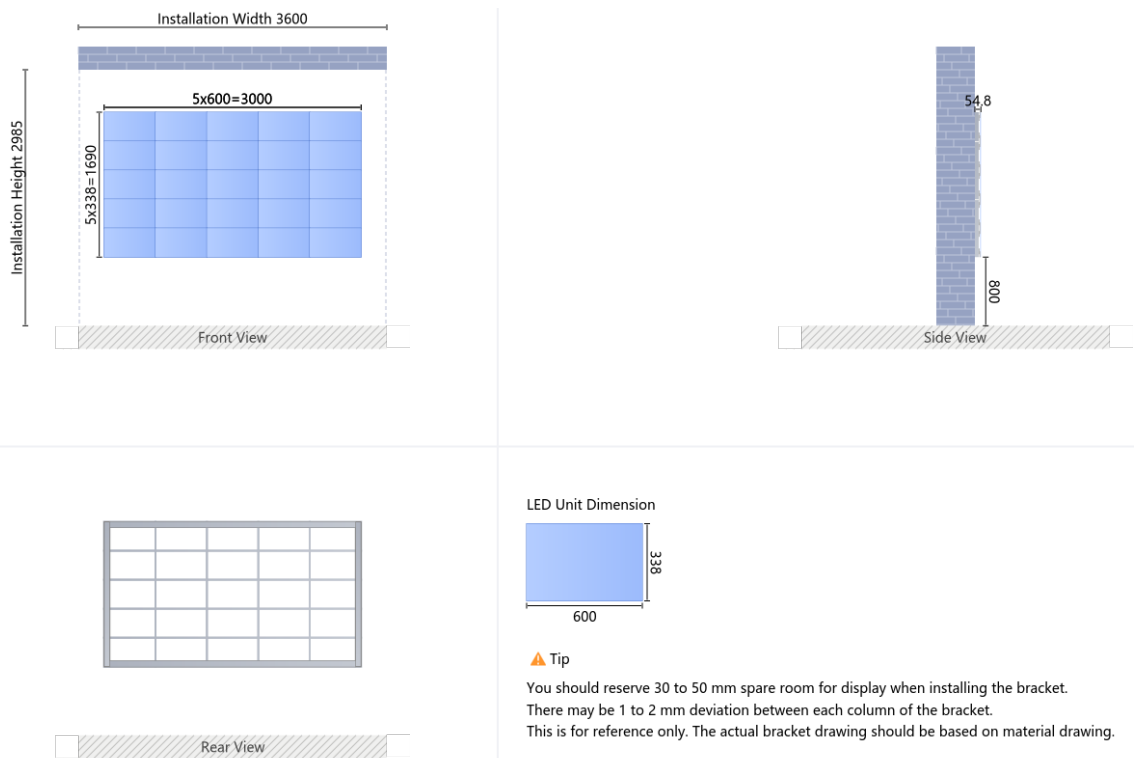
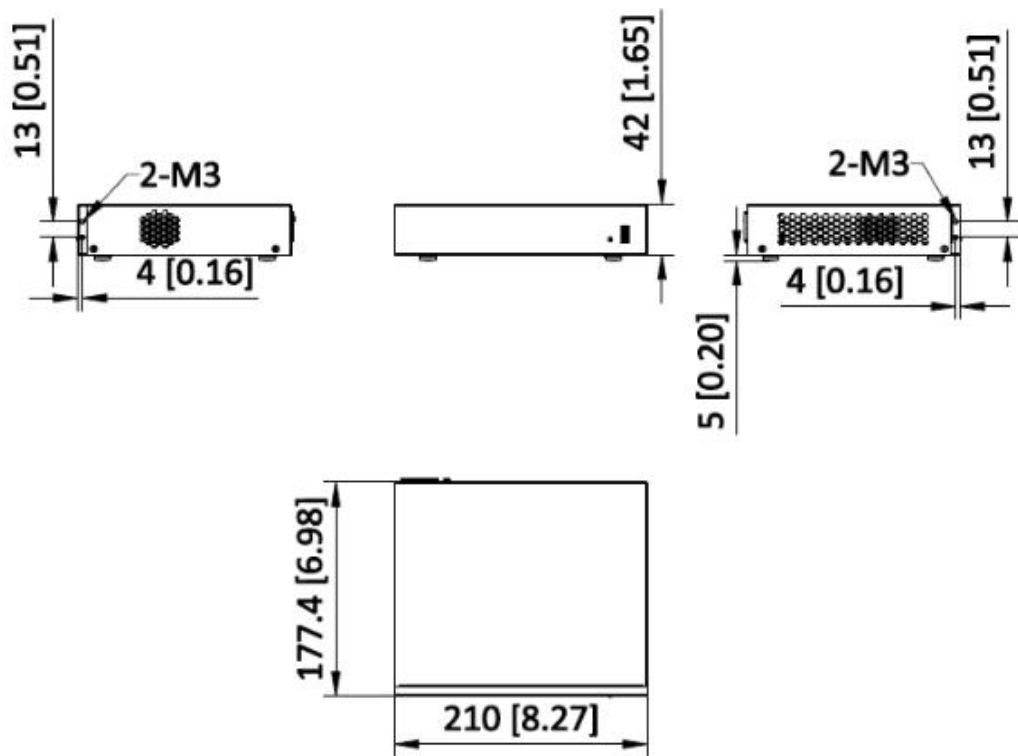


Figure 2.1.1 Bracket Installation



## 2.2 Structural Dimension Diagram

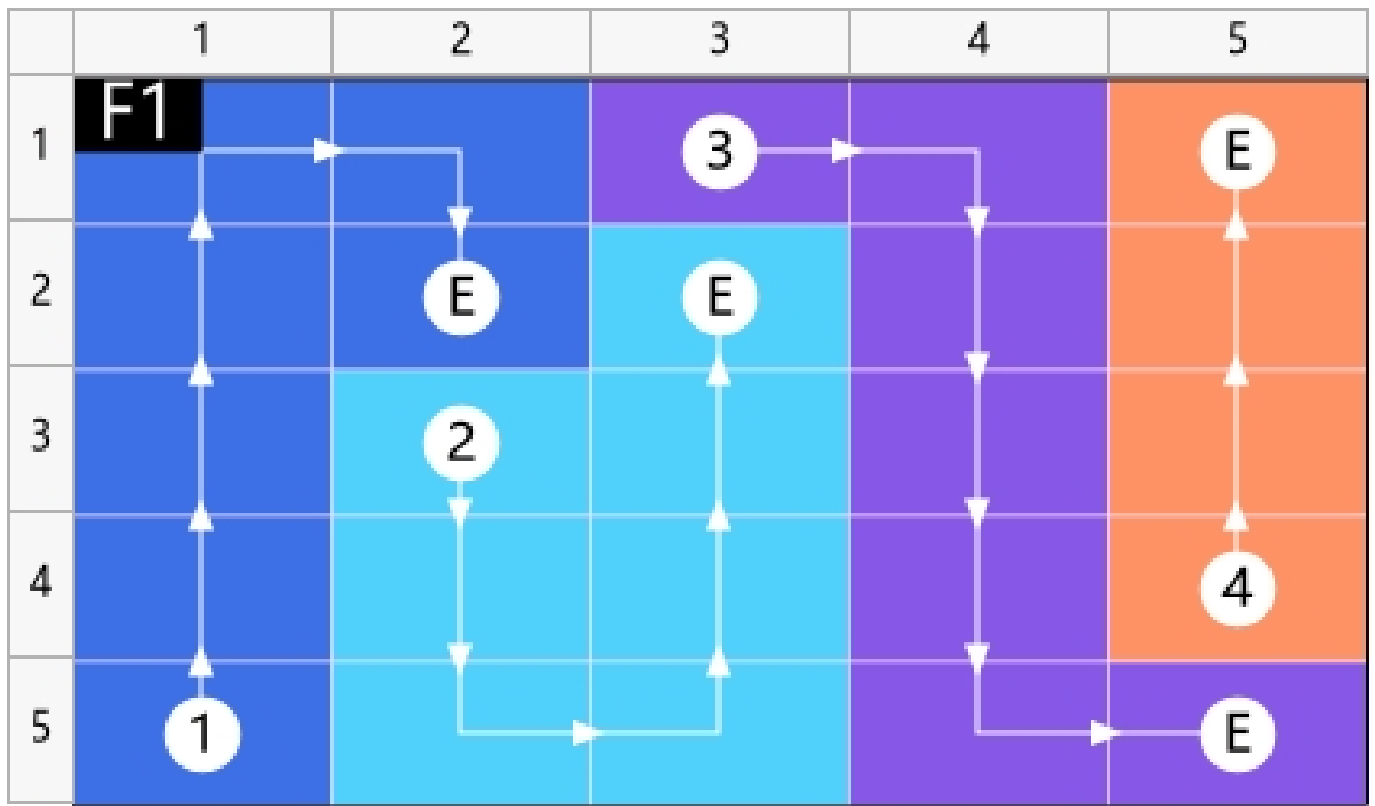


Unit: mm [inch]

Figure 2.2.1 DS-DT60C-01HI04NO Structural Dimension Diagram



## 2.3 Cable Connection



DS-DT60C-01HI04NO

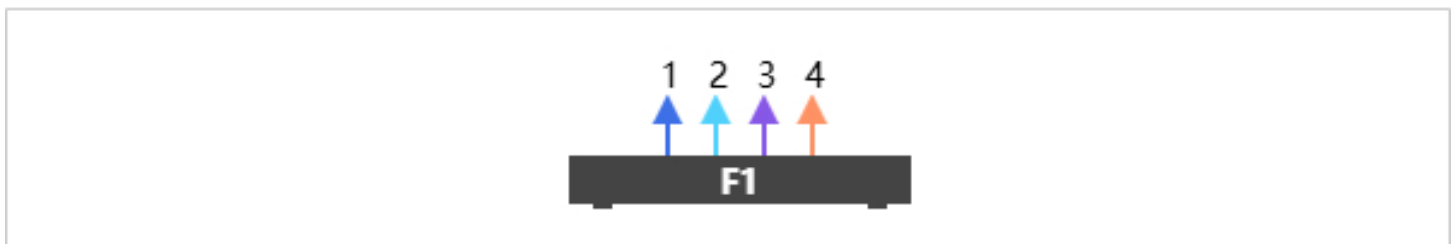


Figure 2.3.1 Display Load Capacity of Network Interface

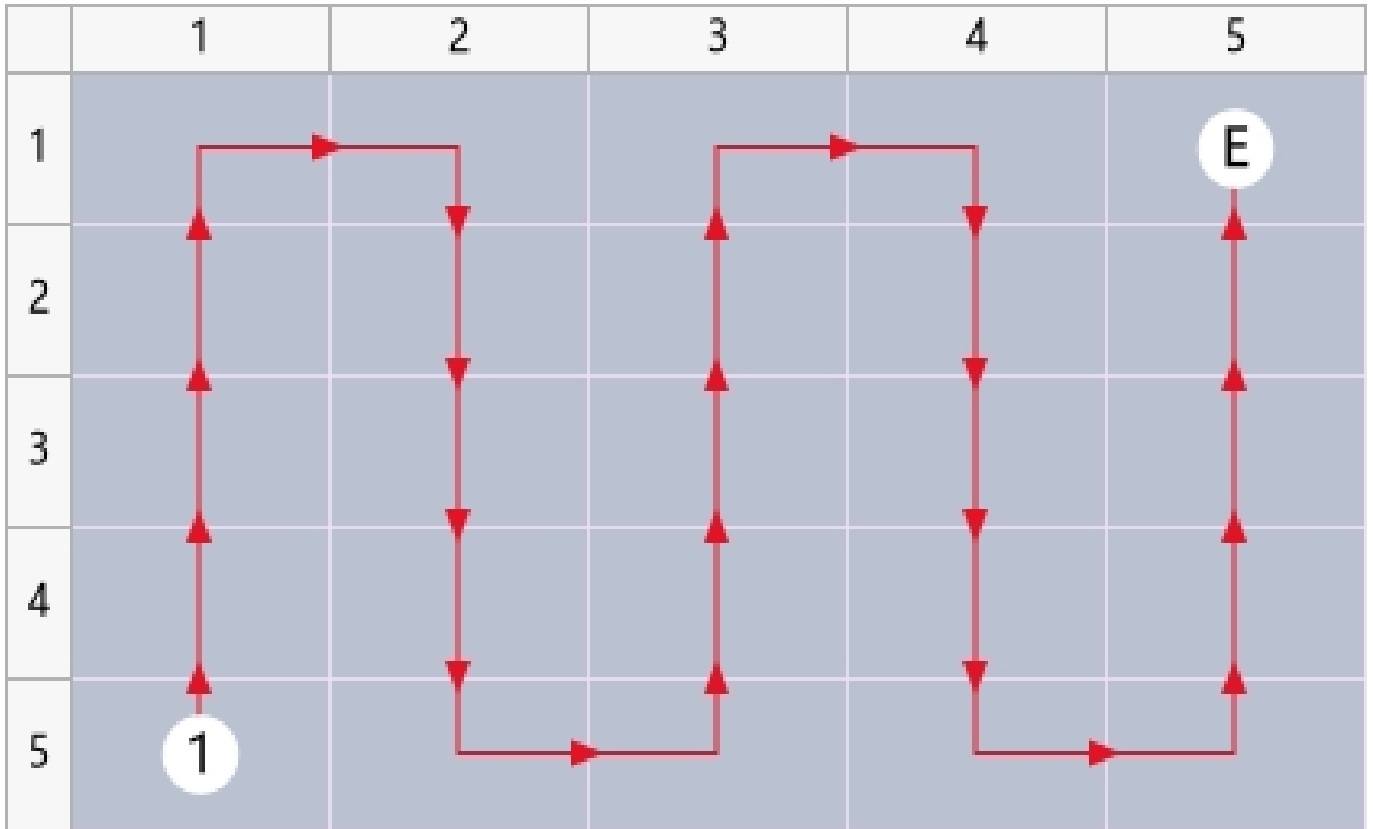


Figure 2.3.2 Display Power Cable Connection

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