



V(2.4 x 1.35, 1.2, FHD) Display & Control Solution

Date of Creation 2025/12/04

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

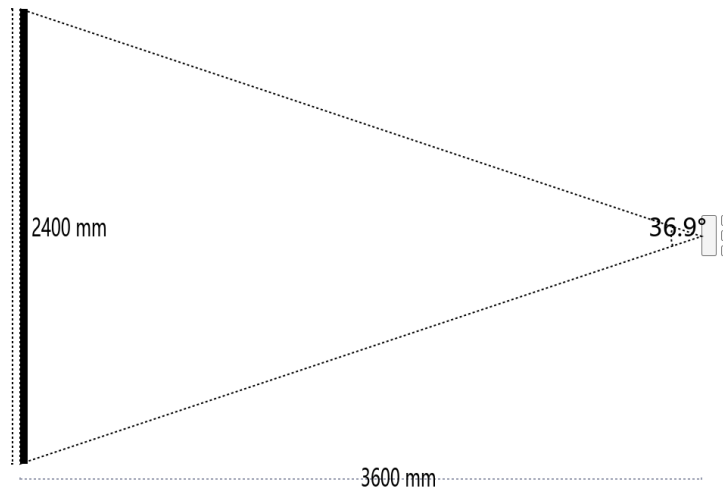


Figure 1.2.1 Side View

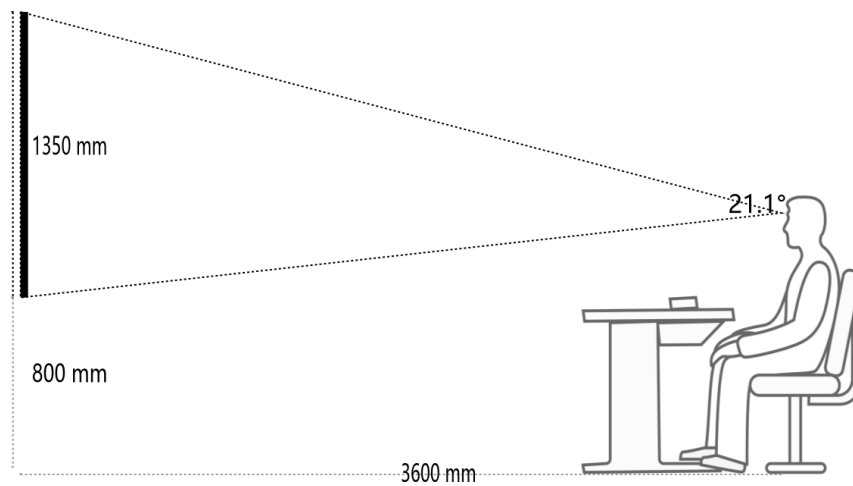


Figure 1.2.2 Vertical View

1.3 Recommended Solution

Table 1.3.1

Product Type	Model	Quantity	Unit	Technical Specs
Display				
LED Cabinet	DS-D4012BW-2FC/A 600*337.5mm Module 317006679	64	PCS	P1.2, COB, 300*168.75mm
LED Bracket	DP-D40XXCB22-1X1-Q0.2-NW-Q 0.2-ZF 336700086	16	PCS	600*337.5mm 1*1 Ultra-thin Modular Bracket
Cabinet Frame	DS-D40W-2F 317006689	16	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	3	PCS	CAT6, U/UTP, 24AWG, C U
Spare				
LED Module	DS-D4012BW-2FC/A 600*337.5mm Module 317006679	4	PCS	P1.2, 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	4 × 4
	Display Quantity	16

Video Wall Parameters		
Video Wall Dimension	Width × Height	2.40 m × 1.35 m
	Size	3.24 sq.m
	Diagonal Length	108.4"
	Resolution	1920 × 1080
Load Bearing	Video Wall Weight	54.40 kg
	Bracket Weight	27.20 kg
Power Consumption	Max. Power Consumption	0.97 kW
	Average Power Consumption	0.32 kW

Table 1.3.3

DS-D4012BW-2FC		
Product Model	Product Model	DS-D4012BW-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	240 × 135

DS-D4012BW-2FC

Cabinet	Pixel Configuration	Flip-chip COB
	Pixel Pitch	1.25 mm
	Pixel Pitch Category	P1.2
	Pixel Density	640000 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	480 × 270
	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-D4012BW-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

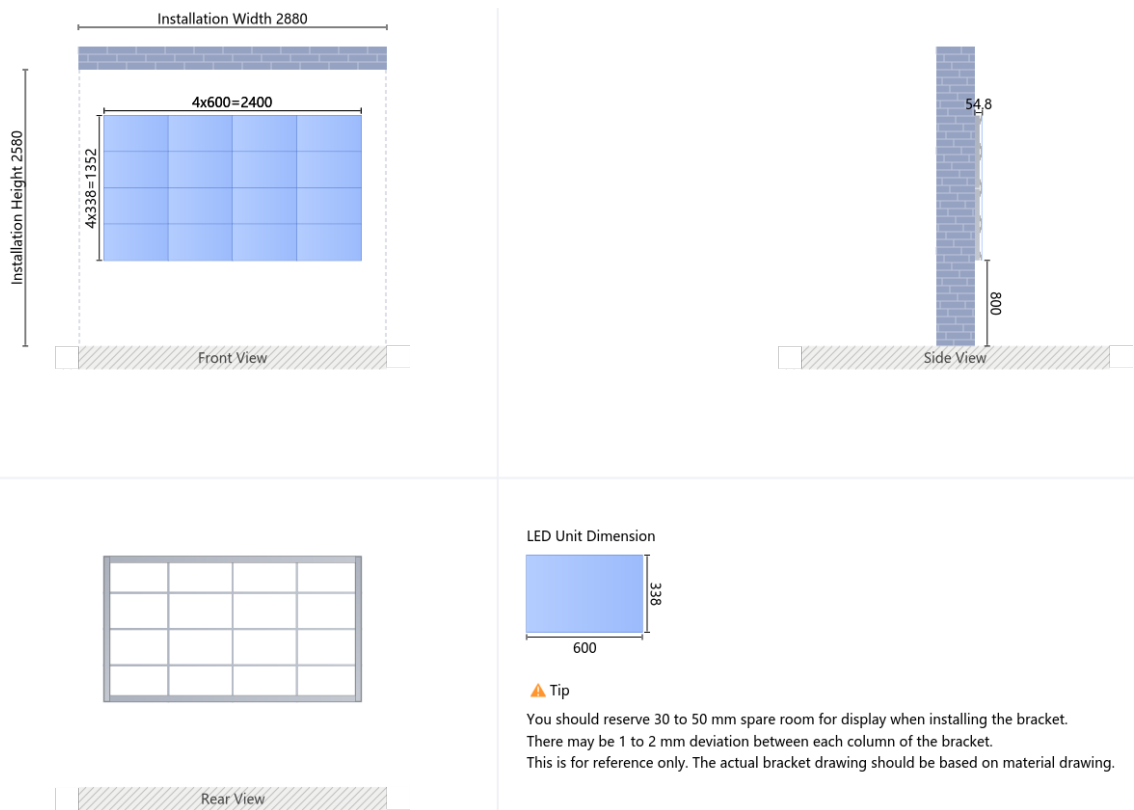
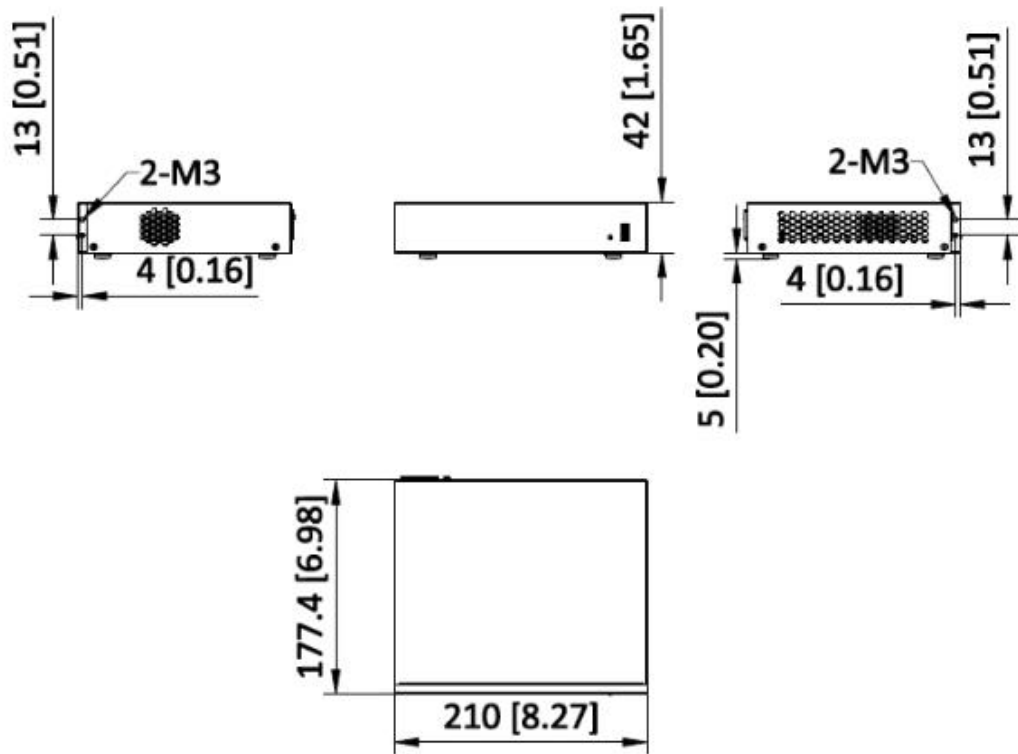


Figure 2.1.1 Bracket Installation



2.2 Structural Dimension Diagram

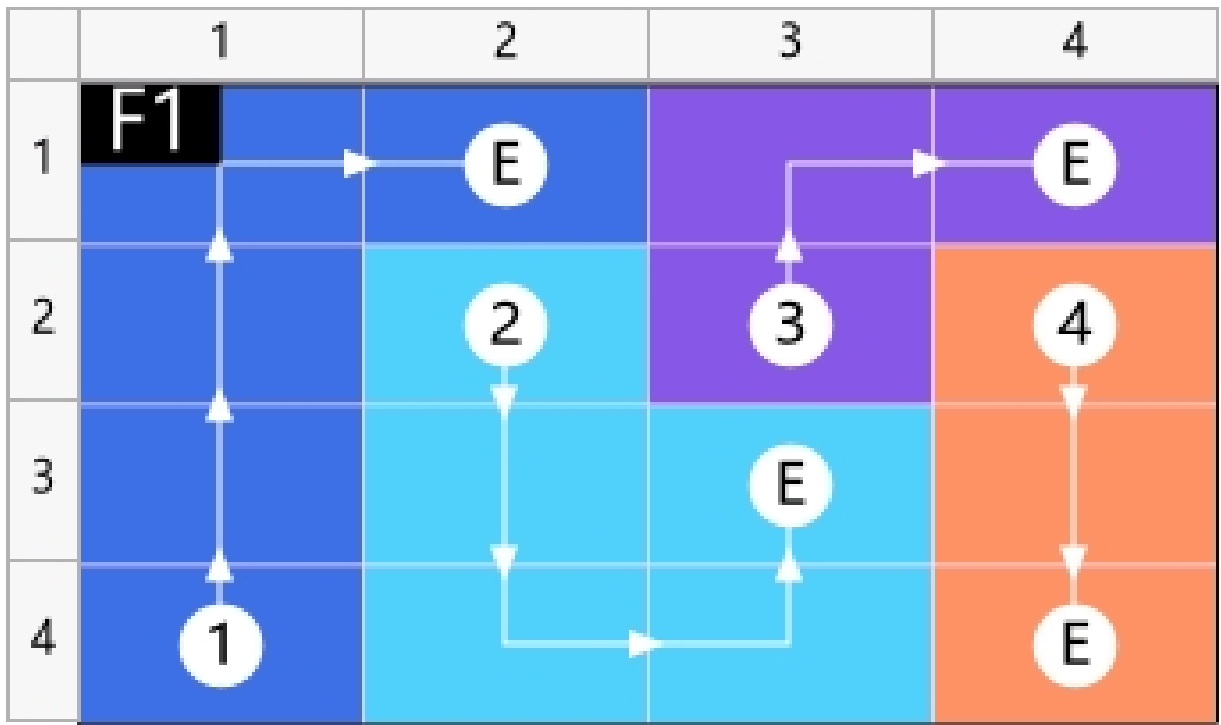


Unit: mm [inch]

Figure 2.2.1 DS-DT60C-01HI04NO Structural Dimension Diagram



2.3 Cable Connection



DS-DT60C-01HI04NO

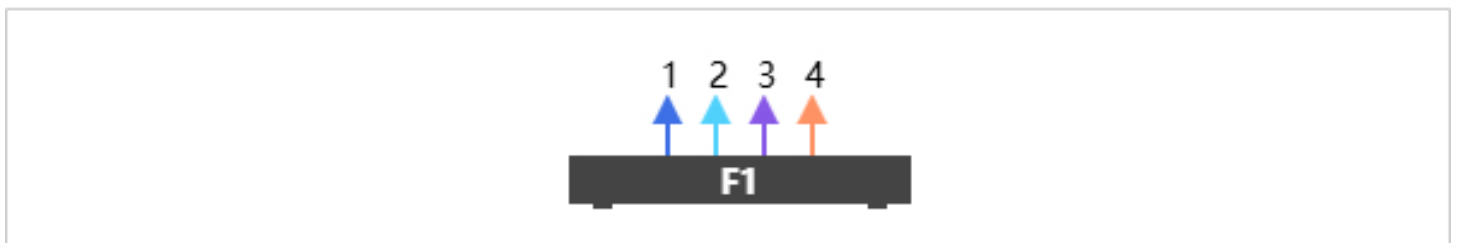


Figure 2.3.1 Display Load Capacity of Network Interface

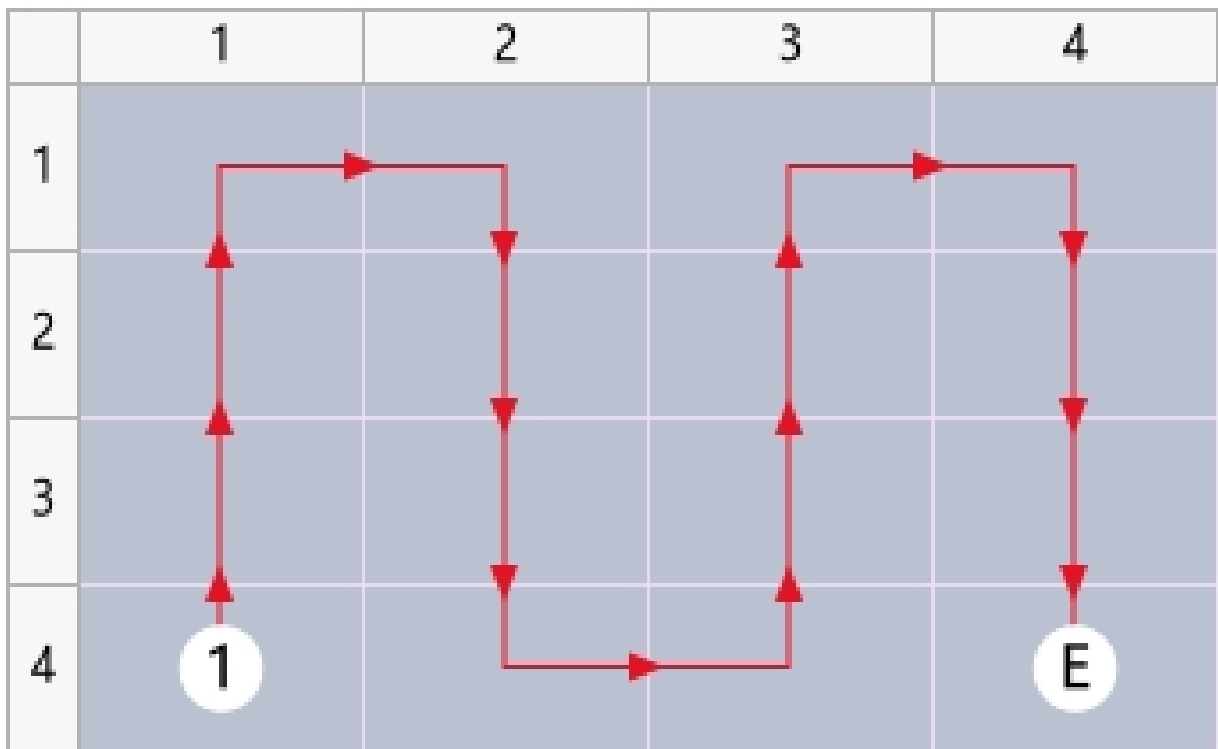


Figure 2.3.2 Display Power Cable Connection

Hikvision Headquarters

T +86-571-8807-5998
support@hikvision.com

Hikvision Australia
T +61-2-8599-4233
salesau@hikvision.com

Hikvision Azerbaijan
T +994 50 369 81 57
Azerbaijan.CATC@hikvision.com

Hikvision Brazil
T +55-11-3318-0050
Latam.support@hikvision.com

Hikvision Canada
T +1-866-200-6690
sales.canada@hikvision.com

Hikvision Colombia
sales.colombia@hikvision.com

Hikvision Czech
T +420 29 6182640
info.cz@hikvision.com

Hikvision Egypt
T +20223066117
sales.eg@hikvision.com

Hikvision Europe
T +31 23 5542770
sales.eu@hikvision.com

Hikvision France
T +33(0)1 85 330 450
info.fr@hikvision.com

Hikvision Germany
sales.dach@hikvision.com

Hikvision Hong Kong , China
sales.hk@hikvision.com

Hikvision Hungary KFT
info.hu@hikvision.com

Hikvision India
T +91-22-6855 9944
sales@pramahikvision.com

Hikvision Indonesia
T +6221 2933 9366
Sales.Indonesia@hikvision.com

Hikvision Israel
T +972 79 5555590
sales.israel@hikvision.com

Hikvision Italy
T +39 0438 6902
info.it@hikvision.com

Hikvision Kazakhstan
T +7 (727) 291-75-88
support@hikvision.kz

Hikvision Kenya
wangchengbin@hikvision.com

Hikvision Korea
T +82-1661-8138
sales.korea@hikvision.com

Hikvision Malaysia
T +60327224000
sales.my@hikvision.com

Hikvision Mexico
T +52 55 2624 0110
sales.mexico@hikvision.com

Hikvision New Zealand
T 09 217 3127
salesnz@hikvision.com

Hikvision New Panama
Sales.centralamerica
@hikvision.com

Hikvision Pakistan
T +92-2135147526
support.pk@hikvision.com

Hikvision Philippines
support.ph@hikvision.com

Hikvision Poland
T +48 22 460 01 50
info.pl@hikvision.com

Hikvision Russia
T +7-495-669-67-99
saleru@hikvision.com

Hikvision Romania
marketing.ro@hikvision.com

Hikvision Singapore
T +65 6684 4718
sg@hikvision.com

Hikvision South Africa
T +27 877018113
sale.africa@hikvision.com

Hikvision Spain
T +34 91 737 16 55
info.es@hikvision.com

Hikvision Tashkent
T +99-87-1238-9438
uzb@hikvision.ru

Hikvision Thailand
sales.thailand@hikvision.com

Hikvision Turkey
T +90 216 521 70 70
support.tr@hikvision.com

Hikvision UAE
T +971-4-4432090
salesme@hikvision.com

Hikvision UK & Ireland
T +44(0)1628 902 140
info.uk@hikvision.com

Hikvision Uzbekistan
T +998-71-233-55-50
uzbekistan@hikvision.com

Hikvision USA
T +1-909-895-0400
sales.usa@hikvision.com

Hikvision Vietnam
T +84 24 7300 7586
sale.vn@hikvision.com



www.hikvision.com
support@hikvision.com

**HIKVISION®**