DL Series

Wall-Mounted

43″ 50″ 55″ 65″ 75″

Multiple Sizes

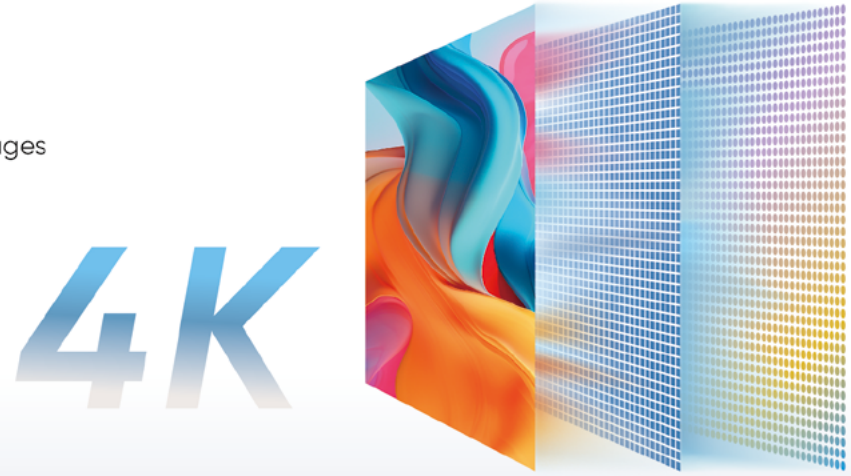
4K **4K Display**

500 nits Brightness with 25% Haze

Wide FOV

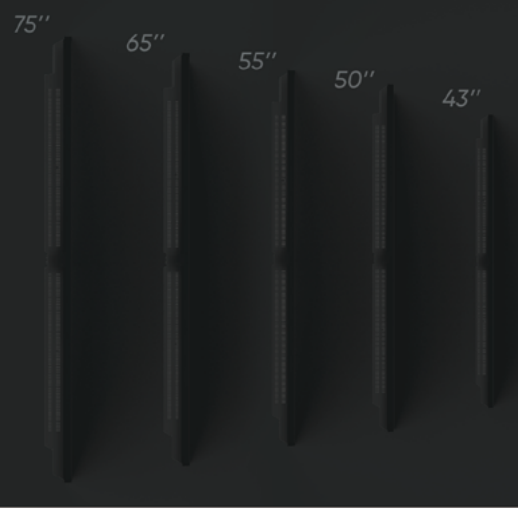
4K Ultra HD

25% haze, exceptionally clear images and videos, cost-effective for professional advertising



Sleek Design

All-plastic slim body, four-sided even bezel, lightweight and attractive, ideal for retail advertising

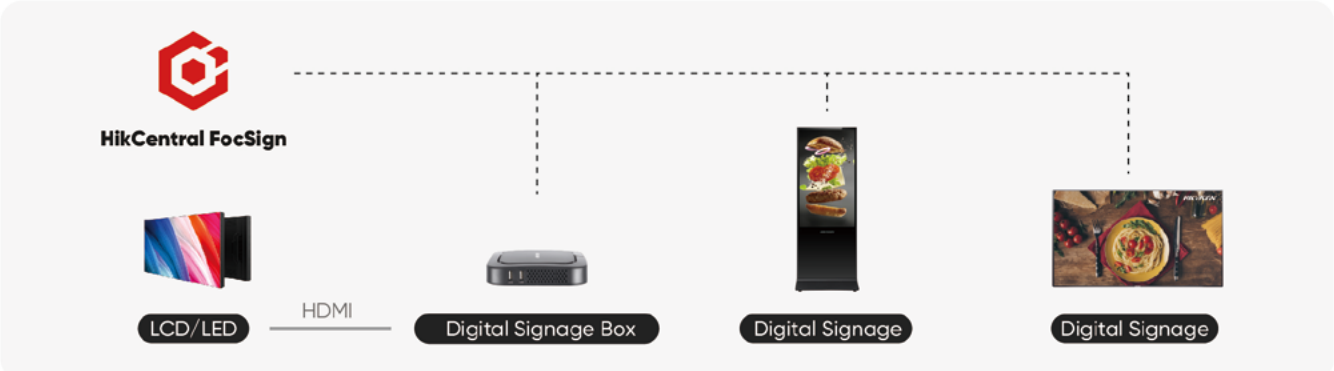


Multiple Screen Sizes

Designed for diverse advertising needs in catering, shopping malls, stores, and office buildings

HCF Powers Integrated Retail Solution

Combining HCF's one-stop smart retail solution with content design, information release, and device management to drive business growth



- Remote Device Management
- Powerful Program Editing
- Diverse Material Types
- Flexible Schedule Settings
- Supervisor Approval Feature
- Weather Forecast Plugin
- Built-in Templates
- RSS Content Display

Model	DS-D6043UN-DL	DS-D6050UN-DL	DS-D6055UN-DL
Display Panel			
Screen Size	43 inch	50 inch	55 inch
Resolution	3840 × 2160	3840 × 2160	3840 × 2160
Active Display Area (mm)	941.184 (H) × 529.416 (V)	1095.84 (H) × 616.411 (V)	1219.70 (H) × 691.89 (V)
Pixel Pitch (mm)	0.2451 (H) × 0.2451 (V)	0.09513 (H) × 0.28539 (V)	0.105 (H) × 0.315 (V)
Backlight	D-LED	D-LED	D-LED
Viewing Angle	178°(H)/178°(V)	178°(H)/178°(V)	178°(H)/178°(V)
Contrast Ratio	4000:1	1200:1	5000:1
Brightness	500 cd/m²	500 cd/m²	500 cd/m²
Color Depth	10 bit (8 bit + FRC)	10 bit (8 bit + FRC)	8 bit + 2 bit FRC
Response Time	8 ms	8 ms	8 ms
Color Gamut	85% NTSC	85% NTSC	85% NTSC
Reliability	7 × 24 h	7 × 24 h	7 × 24h
Refresh Rate	60 Hz	60 Hz	60 Hz
Haze	25%	25%	25%
Built-in System			
Operation System	Android 13.0		
Processor	Cortex-A55, 4-core, main frequency 1.92GHz		
Memory	4 GB		
Built-in Storage	32 GB eMMC		
Interface			
Video & Audio Input	HDMI × 3		
Video & Audio Output	LINE OUT × 1, speaker (6Ω 10W) × 2		
Network Interface	RJ45× 1, Wi-Fi (2.4G/5G, 802.11 a/b/g/n/ac/ax) × 1, RS232× 1		
Data Transmission Interface	USB 2.0 × 1, USB 3.0 × 1, DP× 1, BT 5.0 × 1		
Power			
Standby Consumption	≤ 0.5 W	≤ 0.5 W	≤ 0.5 W
Input Voltage	100 to 240 VAC, 50/60 Hz	100 to 240 VAC, 50/60 Hz	100 to 240 VAC, 50/60 Hz
Power Consumption (Max.)	Normal 98W, Max 160W	Normal 121W, Max 178W	Normal 134W, Max 195W
Working Environment			
Working Temperature	0°C to 40°C (32°F to 104°F)		
Working Humidity	10% to 80% RH (Condensation)		
Storage Temperature	-20°C to 60°C (-4°F to 140°F)		
Storage Humidity	10% to 90% RH (Condensation)		
General			
Material Type	Metal and plastic	Metal and plastic	Metal and plastic
Mounting Type	Wall mounting (horizontally or vertically)	Wall mounting (horizontally or vertically)	Wall mounting (horizontally or vertically)
Product Dimensions (mm)	967.4 (W) × 555.9 (H) × 70 (D) (without wall-mounted backboard) 967.4 (W) × 555.9 (H) × 100 (D) (with wall-mounted backboard)	1124.6 (W) × 644.8 (H) × 68.5 (D) (without wall-mounted backboard) 1124.6 (W) × 644.8 (H) × 98.5 (D) (with wall-mounted backboard)	1238.4 (W) × 70.92 (H) × 70 (D) (without wall-mounted backboard) 1238.4 (W) × 70.92 (H) × 99.8 (D) (with wall-mounted backboard)
Package Dimensions (mm)	1075 (W) × 652 (H) × 144 (D)	1250 (W) × 760 (H) × 144 (D)	1390 (W) × 830 (H) × 144 (D)
Gross Weight	8.0 kg 11.5 kg	10.4 kg 14.8 kg	13 kg 19.5 kg

Resolution	3840 × 2160	3840 × 2160
Active Display Area (mm)	1428.48 (H) × 803.52 (V)	1650.24 (H) × 928.26 (V)
Pixel Pitch (mm)	0.124 (H) × 0.372 (V)	0.14325 (H) × 0.42975 (V)
Backlight	D-LED	D-LED
Viewing Angle	178°(H)/178°(V)	178°(H)/178°(V)
Contrast Ratio	5000:1	4000:1
Brightness	500 cd/m²	500 cd/m²
Color Depth	8 bit + 2 bit FRC	8 bit + FRC
Response Time	8 ms	6.5 ms
Color Gamut	85% NTSC	85% NTSC
Reliability	7 × 24 h	7 × 24 h
Refresh Rate	60 Hz	60 Hz
Haze	25%	25%

Built-in System

Operation System	Android 13.0	
Processor	Cortex-A55, 4-core, main frequency 1.92GHz	
Memory	4 GB	
Built-in Storage	32 GB eMMC	

Interface

Video & Audio Input	HDMI × 3	HDMI × 3, DP× 1
Video & Audio Output	LINE OUT × 1, speaker (6Ω 10W) × 2	LINE OUT × 1, speaker (6Ω 10W) × 2
Network Interface	RJ45× 1 Wi-Fi (2.4G/5G, 802.11 a/b/g/n/ac/ax) × 1 RS232× 1	RJ45× 1 Wi-Fi (2.4G/5G, 802.11 a/b/g/n/ac/ax) × RS232 IN × 1, RS232 OUT × 1
Data Transmission Interface	USB 2.0 × 1, USB 3.0 × 1,DP× 1, BT 5.0 × 1	USB 2.0 × 1, USB 3.0 × 1,DP× 1, BT 5.0 × 1

Power

Standby Consumption	≤ 0.5 W	≤ 0.5 W
Input Voltage	100 to 240 VAC, 50/60 Hz	100 to 240 VAC, 50/60 Hz
Power Consumption (Max.)	Normal 180W, Max 240W	Normal 218W, Max 280W

Working Environment

Working Temperature	0°C to 40°C (32°F to 104°F)
Working Humidity	10% to 80% RH (Condensation)
Storage Temperature	-20°C to 60°C (-4°F to 140°F)
Storage Humidity	10% to 90% RH (Condensation)

General

Material Type	Metal and plastic	Metal and plastic
Mounting Type	Wall mounting (horizontally or vertically)	Wall mounting (horizontally or vertically)
Product Dimensions (mm)	1457.7 (W) × 832.4 (H) × 68.8 (D) (without wall-mounted backboard) 1457.7 (W) × 832.4 (H) × 88.8 (D) (with wall-mounted backboard)	1679 (W) × 957 (H) × 68.8 (D) (without wall-mounted backboard) 1679 (W) × 957 (H) × 88.8 (D) (with wall-mounted backboard)
Package Dimensions (mm)	1640 (W) × 990 (H) × 190 (D)	1840 (W) × 1112 (H) × 177 (D)
Net Weight	17.7 kg	27.7 kg
Gross Weight	28.4 kg	39.1 kg