

DS-D6055UN-DP

Hikvision DS-D6055UN-DP 55" 4K 3840x2160 Slim Digital Signage Display - 24/7, HDMI, DP

Product Overview

Hikvision DS-D6055UN-DP 55" 4K 3840x2160 Slim Digital Signage Display, 10000K Colour temperature, E-led backlight, 178 degree viewing angle, 500 ightness, 5000:1 contrast ratio, 10 Bit Colour depth, 8ms response time, 85% NTSC Colour Gamut, 7 x 24h reliability, 60Hz Refresh Rate, Android 13 Operation system, 4GB Memory, 32GB eMMC Built-In storage, 3x HDMI, 1x DisplayPort, 1x line out out, 2x Speaker, 1x RJ45, Wi-Fi, 1x RS232 in, 1x RS232 out, 1x USB 2.0, 1x USB 3.0, 1x Bluetooth 5.0



Specifications

Overview Summary:

The Hikvision 55-inch 4K digital signage display delivers crisp Ultra HD visuals and dependable 24/7 performance, making it ideal for businesses looking to elevate their digital communication. With a slim design, wide 178degrees viewing angle, and 500 nits brightness, it ensures clear and vibrant content visibility in various environments. Powered by Android 13 with built-in Wi-Fi and multiple connectivity options, it provides seamless content management and flexible media playback.

Designed for commercial use, this display supports remote management, scheduling, and multimedia playback, giving you full control over your messaging. Whether used in retail, corporate, or public spaces, it offers a professional and reliable solution. Buy now to enhance your visual displays or shop now to upgrade your business communication system with ease.

Performance tier:Professional

Uses:retail advertising, corporate presentations, digital menu boards, information displays, public signage

Overview:

55 Inch 4K Digital Signage Display for Professional Environments

The DS-D6055UN-DP 55 inch slim digital signage display is designed for continuous commercial use, combining a refined form factor with reliable performance. Its narrow bezel and lightweight construction make it suitable for retail spaces, corporate environments, hospitality venues, and public information systems. With a 4K resolution panel and advanced image processing, it delivers consistent clarity and color accuracy across a wide viewing angle.

Description:

The Hikvision DS-D6055UN-DP is a high-performance 55 inch 4K digital signage solution built for demanding, always-on environments. It integrates an Android 13 platform with onboard storage, enabling seamless content playback without external devices. Businesses benefit from flexible scheduling, centralized remote management, and support for a wide range of media formats including video, audio, images, and live streams. With robust connectivity options and reliable 24/7 operation, it provides a scalable and efficient platform for digital communication and advertising.

Features:**Visual Performance and Display Quality**

The 3840 x 2160 resolution ensures sharp detail and vibrant imagery, supported by a 10 bit color depth and 85 percent NTSC color gamut. A brightness level of 500 cd per square meter allows for clear visibility in well-lit indoor spaces, while the 5000 to 1 contrast ratio enhances depth and definition. The wide 178 degree viewing angle maintains image consistency from multiple positions, making it effective for open environments.

An industrial grade panel combined with image enhancement processing ensures stable output over extended periods. The 60 Hz refresh rate and 8 ms response time contribute to smooth playback for both static and dynamic content.

Smart Content Management and Scheduling

The integrated system enables flexible and efficient content deployment across single or multiple displays. Users can manage media remotely and schedule playback based on specific timeframes or operational needs.

Key capabilities include:

- Support for multimedia formats such as video, audio, images, PDF files, webpages and live feeds
- Configurable playback modes including loop, daily, weekly and custom schedules
- Remote control functions such as power timing, brightness adjustment and content updates
- USB-based local content upload for offline scenarios

Centralized Control and Security

This display supports structured organization management with multi-level user permissions, making it suitable for enterprise deployments. Content and system access can be controlled through defined user roles.

Security and management highlights:

- Five-level organizational hierarchy for users and devices
- Permission templates and customizable access control
- Multi-stage verification of materials and schedules to reduce errors
- Data encryption for both storage and transmission
- No default password to enhance initial security setup

System Performance and Storage

Powered by a quad-core Cortex-A55 processor, the unit ensures smooth operation for content playback and system tasks. The Android 13 platform provides a modern interface and compatibility with a wide range of applications.

Core system details:

- 4 GB RAM for responsive multitasking
- 32 GB eMMC internal storage for local media and applications
- Broad codec support including H.265, H.264, VP9, AV1 and more
- Extensive audio format compatibility including AAC, FLAC, MP3 and OGG

Connectivity and Interface Options

The DS-D6055UN-DP accommodates various integration scenarios with multiple input and output interfaces.

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Product Specification Sheet

Available connections:

- 3 x HDMI and 1 x DisplayPort for video input
- Line out and dual built-in speakers for audio output
- RJ45 Ethernet port with dual band WiFi support
- RS232 input and output for control integration
- USB 2.0 and USB 3.0 ports for data transfer
- Bluetooth 5.0 for wireless connectivity

Installation and Physical Design

The slim profile and lightweight construction simplify installation in both horizontal and vertical orientations. The display supports wall mounting and integrates cleanly into modern environments.

Physical and environmental details:

- Dimensions without mount: 1239.7 x 712.5 x 38.6 mm
- Net weight: 17.6 kg
- Operating temperature range: 0 to 40 degrees Celsius
- Designed for continuous 7 days a week, 24 hours a day operation

Power and Efficiency

Optimized for commercial use, the display balances performance with energy efficiency.

Power characteristics:

- Typical consumption: 75 W
- Maximum consumption: 140 W
- Standby consumption: less than or equal to 0.5 W
- Input voltage: 100 to 240 VAC

What is Included in the Box

The package includes all essential components for installation and operation.

Included items:

- Digital signage display
- Wall mounting backboard with mounting bolts
- Power cable
- RS232 cable
- Remote control
- User manual and quick start guide

Product Identification

The model DS-D6055UN-DP is referenced by part number DS-D6055UN-DP, ensuring accurate ordering and deployment within larger digital signage networks.

Specifications:

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Specifications	
Product Code	DS-D6055UN-DP

Product Model	
Product Model	DS-D6055UN-DP
Display	
Screen Size	55 inch
Color Temperature	10000K
Resolution	3840 x 2160
Active Display Area	1219.70 (H) mm x 691.89 (V) mm
Pixel Pitch	0.315 (H) mm x 0.315 (V) mm
Backlight	E-LED
Viewing Angle	178degrees(H)/178degrees(V)
Brightness	500 cd/m²
Contrast Ratio	5000:1
Color Depth	10 bit (8 bit + FRC)
Response Time	8 ms
Color Gamut	85% NTSC
Reliability	7 x 24h
Refresh Rate	60 Hz
Haze	25%
Built-in System	
Operation System	Android 13
Processor	Cortex-A55, 4-core, main frequency 1.92 GHz
Memory	4 GB
Built-in Storage	32 GB EMMC
Video Format	AV1, H.265, H.264/AVC, MVC, VP9, AVS2, MPEG4, MPEG2, MPEG1, VP8, MJPEG, H263
Audio Format	MPEG, APE, FLAC, AAC, OGG, AIF, AIFF, ALAW, ALAC
Interface	
Video & Audio Input	HDMI x 3, DP x 1
Video & Audio Output	LINE OUT x 1, speaker (6ohm 10 W) x 2
Network Interface	RJ45 x 1, Wi-Fi (2.4G/5G, 802.11 a/b/g/n/ac/ax) x 1,RS232 in x 1, RS232 out x 1
Data Transmission Interface	USB 2.0 x 1, USB 3.0 x 1, BT 5.0 x 1
Power	
Input Voltage	100 to 240 VAC, 50/60 Hz
Standby Consumption	<= 0.5 W
Power Consumption	75W(typ), 140W(max)
Working Environment	
Working Temperature	0 degreesC to 40 degreesC (32 degreesF to 104 degreesF)
Working Humidity	10% to 80% RH (Condensation)

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Product Specification Sheet

Storage Temperature	-20 degreesC to 60 degreesC (-4 degreesF to 140 degreesF)
Storage Humidity	10% to 90% RH (Condensation)
General	
Material Type	DAT, VOB, TS, AVI, MKV, MOV, 3GP, FLV, ASF, MP3, WMA, OGG, JPG, BMP, PNG
Mounting Type	Wall mounting (horizontally or vertically)
Product Dimensions (W x H x D)	1239.7mm x 712.5mm x 38.6 mm (without wall-mounted backboard)
	1239.7mm x 712.5mm x 68.4 mm (with wall-mounted backboard)
Package Dimensions (W x H x D)	1390 mm x 850 mm x 136 mm
Net Weight	17.6 kg
Gross Weight	24.0 kg
Packing List	Digital signage x 1, wall-mounted backboard (including package of mounting bolts) x 1, power cord for europe x 1, RS232 cable x 1, remote control x 1, user manual x 1, quick start guide x 1, Regulatory Compliance and Safety Information x 1, logo stickers x 1, energy efficiency label x 1

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:

<https://www.comx-computers.co.za/DS-D6055UN-DP-Hikvision-DS-D6055UN-DP-55-4K-3840x2160-Buy-p-337128.php>

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