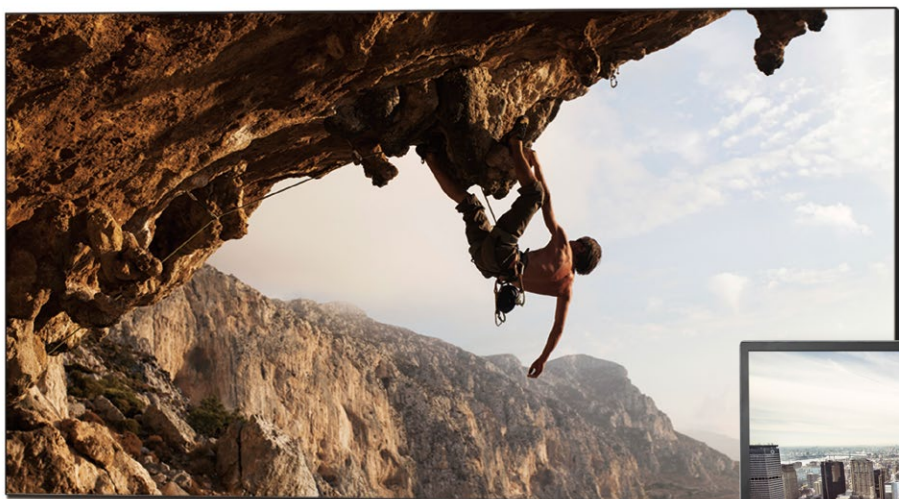DISPLAY
PRODUCTS

HIKVISION

PROFESSIONAL DISPLAY
PRODUCTS FOR SECURITY

As the world's leading provider of professional surveillance solutions, Hikvision is continuously seeking to improve the technology of video processing, analysis, and displays in order to offer the highest-quality goods and services. Since 2001, Hikvision has launched products including encoding/decoding cards, DVRs and NVRs, cameras, access control and alarm devices, etc. Now, using the latest advances in image capturing, image algorithms, image displays, and system control, Hikvision is ready to launch the video wall display unit, together with Hikvision's released decoders,video wall controllers products to provide customers a total video surveillance display solution.

The Hikvision Video Wall supports LCD, DLP, PDP, and LED light technologies, making the solution suitable for verticals such as city surveillance, transportation, finance, energy, and manufacturing.

BANKING

TRANSPORTATION

ENERGY

SAFE CITY

LCD DISPLAY UNIT

01 Ultra-High Definition (UHD) 4K

02 Ultra-Narrow Seam (3.5 mm)

03 Defog and Low-Illumination Enhancement

04 Richest Interfaces

05 Loop Interfaces Display

06 Ultra-High Brightness

07 Ultra-Wide Visual Angle

LCD Display Unit

Hikvision is the world-leading professional manufacturer and solution supplier in LCD display system based on rich project implementation experience and strong R&D (research and development) capability. Continuously focusing on technology R&D and product innovation in the field of splicing display unit, Hikvision provides a complete solution and high-quality products for customers' demands, and gains a high domestic market share.

Hikvision LCD display unit adopts an ultra-narrow panel technology with bi-side seam as only 3.5 mm. It is designed for industrial display with LED backlight, high light and low light. High-quality LCD display units are provided with a full range of size: 46 inch and 55 inch. In addition, a wide selection of mounting bracket is presented for customers: modular bracket, wall mount bracket, and other brackets.

10 Intelligent Temperature control

11 Professional Image Processing Technology

12 Intelligent Color Adjustment

08 Ultra-High Contrast

13 Simply Interface and Easy Operation

09 Ultra-Low Power Consumption

14 One-Touch Upgrade

Model	DS-2046NL-B	DS-2046NH-B	DS-2046NL-C	DS-2046NH-C	DS-2055NL-B	DS-2055NH-B
Diagonal Size (inch)	46''	46''	46''	46''	46''	46''
Resolution	1920*1080					
Backlight	LED Backlight (Direct type)					
Contrast	4500:01	4500:01	4500:01	4500:01	4000:01	4000:01
Brightness	500cd/	800cd/	500cd/	800cd/	500cd/	800cd/
Viewing Angle	Horizontal: 178°, Vertical: 178°					
Physical Seam	5.3mm	5.5mm	3.5mm	3.5mm	3.5mm	3.5mm
Dimension (W×H×D)	1024×579×132 mm	1024×579×114 mm	1022 x 577 x 120mm		1213 x 684 x 113 mm	

DLP DISPLAY UNIT

01 TI Brilliant Color Technology

02 3D Comb Filter Technology

03 Intelligent Digital Brightness Adjustment

04 DSC Digital Color Control

05 Professional Dust-Proof and Radiating Design

06 DNP Import Screen

07 Advanced Production Technology

DLP Projection Display Unit

Hikvision is committed to provide the complete resolution of DLP video wall display system. Importing the most advanced international DLP display technology and Danish DNP import screen, Hikvision provides customers with the most practical and advanced DLP display unit by integrating the modular structural design with installation technology, and equipping the display unit with the independent R&D image processor. Hikvision provides high-quality DLP products with a full range of size: 50 inch, 60 inch, 67 inch, and 70 inch.

Featuring narrow seam, excellent display, consistent between color and brightness, high reliability, high stability, and long lifespan, Hikvision DLP products have reached the industry's most advanced level, and can fully satisfy customers' security monitoring needs, command scheduling needs, and other needs.

09 Independent Six-Axis Adjustment

10 Dual CPU Processing Technology

11 Redundant Power Design

12 General Casing Design

08 Built-In Image Processor

13 Front Maintenance Design

Model	DS-D1050EH	DS-D1060EH	DS-D1067EH	DS-D1080EH	DS-D1070EF
Dimension	50''	60''	67''	80''	70''
Width(mm)	1016	1219	1361	1600	1550.2
Height(mm)	762	914	1021	1200	872
Display Technology	DLP technology(Superior 0.95" 1-chip DLP, LVDS DMD Chip)				
Brightness	500cd/	800cd/	500cd/	800cd/	500cd/
Viewing Angle	Horizontal: 178°, Vertical: 178°				
Physical Resolution	SXGA+(1400*1050)				1920*1080
Lamp Bulb	3*6 LED				
Contrast	2500:01				
Output Brightness	1200ANSI				
Evenness	≥93%				
Average Lifespan	60000-100000 hour				
Scanning Frequency	Horizontal: 15kHz-120kHz Vertical: 24Hz-120Hz				

LED DISPLAY UNIT

01 Genuine Seamless Splicing Technology

02 Advanced Box Structure Design

03 Superior Tube Core and Driver Chip

04 Nanosecond Response Time

05 Intelligent Brightness Adjustment

06 High Contrast and Wide Angle of View

07 Single Point Calibration Technology

LED Display Unit

Based on the great research and development ability in the field of display, Hikvision combines the market requirements and provides customers with a complete solution for LED full-color display system. Hikvision LED full-color display is spliced by standard LED boxes which adopt the SMT (Surface Mount Technology) and package RGB (red, green and blue) into one LED. The LED full-color display makes use of one-piece die-casting aluminum to guarantee the installation precision and durability of the splicing screens. It has features such as displaying seamless image, being environmentally friendly mute, being thin and having long service life, etc..

10 Ultra-High Refresh Rate of 3840 Hz

11 Two-Channel Signal Input Design

12 Energy-Efficient PFT Power Supply

13 Unique Thermal Design

14 No Noise, Environmental Protection and Energy Saving

08 Broadcast Level Gray Processing

15 Ultra-Long Service Life

09 Several Trillion Colors Display

16 Space-Saving and Easily-Maintained Screen

Model	DS-D4012FI-EL
Pixel structure	SMD LED(1 luminous led integrated by three led leads)
Pixel pitch(mm)	1.25
Model Resolution(W×H)	192×135
Model dimension(W×H)	240×168.75(mm)
Unit Resolution(W×H)	960×540(mm)
Unit dimension(W×H×D)	1200×675×99(mm)
Pixel density	640000 Points/m2
Unit ratio	16:09
Brightness(nits)	≥600
Viewing Angle	Horizontal: 160°, Vertical: 160°
Contrast	≥6000:1
Average power consumption(W/m2)	360
Refresh rate(Hzv)	3840
Service Life(h)	≥100,000 hours

MONITOR

Based on the research and development ability and product innovation ability in the field of display, Hikvision responses to the market requirements and provides customers with monitors with full range of sizes and powerful functions. The sizes include 19 inch, 21 inch, 22 inch, 32 inch, 42 inch, etc..

Hikvision monitor adopts industrial level panel and supports working for 7 x 24 hours, satisfying the market requirements for surveillance fully. We have independent production line and strict quality control to guarantee the high reliability of the product.

01 Direct LED Backlight

02 Working for 7x24 hours

03 Ultra-High Brightness

04 Ultra-Wide Angle of View

05 Response Time Less Than 8ms

06 3D Comb Filter Technology

07 3D Noise Reduction Technology

08 Frame Freeze Technology

09 Built-In Audio Output

10 Professional Image Processing Technology

11 Boot LOGO Customizable

12 Playing External File Available

Model	DS-D5019FC	DS-D5021FC	DS-D5022FC	DS-D5032FL	DS-D5042FL
Diagonal Size (inch)	18.5"	20.7"	21.5"	31.5"	42"
Resolution	1366*768	1920×1080	1920×1080	1920×1080	1920×1080
Contrast	1000:01	600:01	1000:01	1200:01	1400:01
Brightness	250cd/m²	200cd/m²	250cd/m²	500cd/m²	500cd/m²
Viewing Angle	170°/160°	170°/160°	170°/160°	178°/178°	178°/178°
Bezel Material	Plastic			Metal	

CONTROL DEVICE

High Definition Decoder

DS-6400HDI-T series decoder is the decoding device developed by Hikvision on the basis of embedded hardware platform. It supports multiple compression standards such as H.265, H.264, MPEG, etc.. Customers can choose the specific model according to their own requirements. The decoder has powerful decoding function and good software compatibility with a stable and reliable operation.

Key features
• Max. 8-ch 8MP or 32-ch 1080P decoding
• PC signal input via VGA/DVI input interface(except DS-6401HDI-T)
• Decoding output via DVI and BNC interface(DS-6401HDI HDMI/ VGA/BNC output)
• 1/4/6/8/9/12/16 division
• H.264/MPEG4 /MPEG2/MJPEG format
• Max. 4×4 video wall control
• Window division, large screen splicing, cross-window video roaming

Available models
DS-6401HDI-T
DS-6404HDI-T
DS-6408HDI-T
DS-6410HDI-T
DS-6412HDI-T
DS-6416HDI-T

Video Wall Controller

DS-C10S series multi-screen controller is a new generation of pure hardware image processing device based on FPGA. Compared with traditional controller, it has new system architecture, data exchange system, data processing mode and device structure. It has high system bandwidth and supports the accessing and real-time processing of multi-channel signal. It's a high-end image processing device with powerful functions. It supports the splice and display of max. 72 screens, opening window and window roaming, signal input of up to 92 channels, and the signal input via BNC, VGA, DVI, HDMI, SDI, YPbPr, HDTVI, DP, etc..

Key features
• A signal source can be displayed on the M×N (M ≥ 1, N ≥ 1, M×N ≤72) display units.
• Up to 8 kinds of signal sources are supported, including VGA, DVI, HDMI, BNC, SDI, YpbPr, Ultra HD and IP camera input.
• Support 1/4/9/16 multi-screen layout.
• Up to 6 image layers can be displayed on one screen, including one virtual LED image layer and a background layer.
• Support cross-window video roaming.

Available models
DS-C10S-S11/E (4U chassis)
DS-C10S-S22/E (8U chassis)
DS-C10S-S41/E (13U chassis)

SUCCESS STORIES

LCD Display Unit Application

Application in Public Security

Harbin Nehe Command Center (55-inch LCD display unit, 4 x 18 window division mode)

Application in Financial Service

Credit Card Center of China Minsheng Bank (46-inch LCD display unit, 6 x 10 window division mode)

Application in Public Service

Taiyuan 12345 Service Center (55-inch LCD display unit, 7 x 18 window division mode)

Application in Energy Resources

Nanliang Mining Command Center (55-inch LCD display unit, 5 x 12 window division mode)

DLP Projection Display Unit Application

Application in Public Security

Chongqing Public Security Bureau (67-inch arch DLP display unit, 6 x 10 window division mode)

Application in Public Security

Anti-Explosion Command Center of Lingshui Public Security Bureau (67-inch DLP display unit, 4 x 8 window division mode)

SUCCESS STORIES

Application in Public Transportation

Dispatch and Command Center of Taiyuan North Railway Station (50-inch DLP display unit, 3 x 10 window division mode)

Application in Military

Linfen Military Sub-Command Center (60-inch DLP display unit, 4 x 8 window division mode)

LED Display Unit Application

Application in Government

Nanjing Municipal Government (LED display unit of 14.58 m² with small space of 1.2 mm)

Application in the Customs

Ningbo Customs Surveillance Center (LED monitor of 27.72 m² with small space of 1.2 mm)

DISPLAY
PRODUCTS

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