



# COMMERCIAL DISPLAY PRODUCTS AND SOLUTIONS

2017 Ver. 1



LCD Digital  
Signage

LED Display

Vertical  
Solution

Interactive  
LCD Display

Accessories

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## Accessories

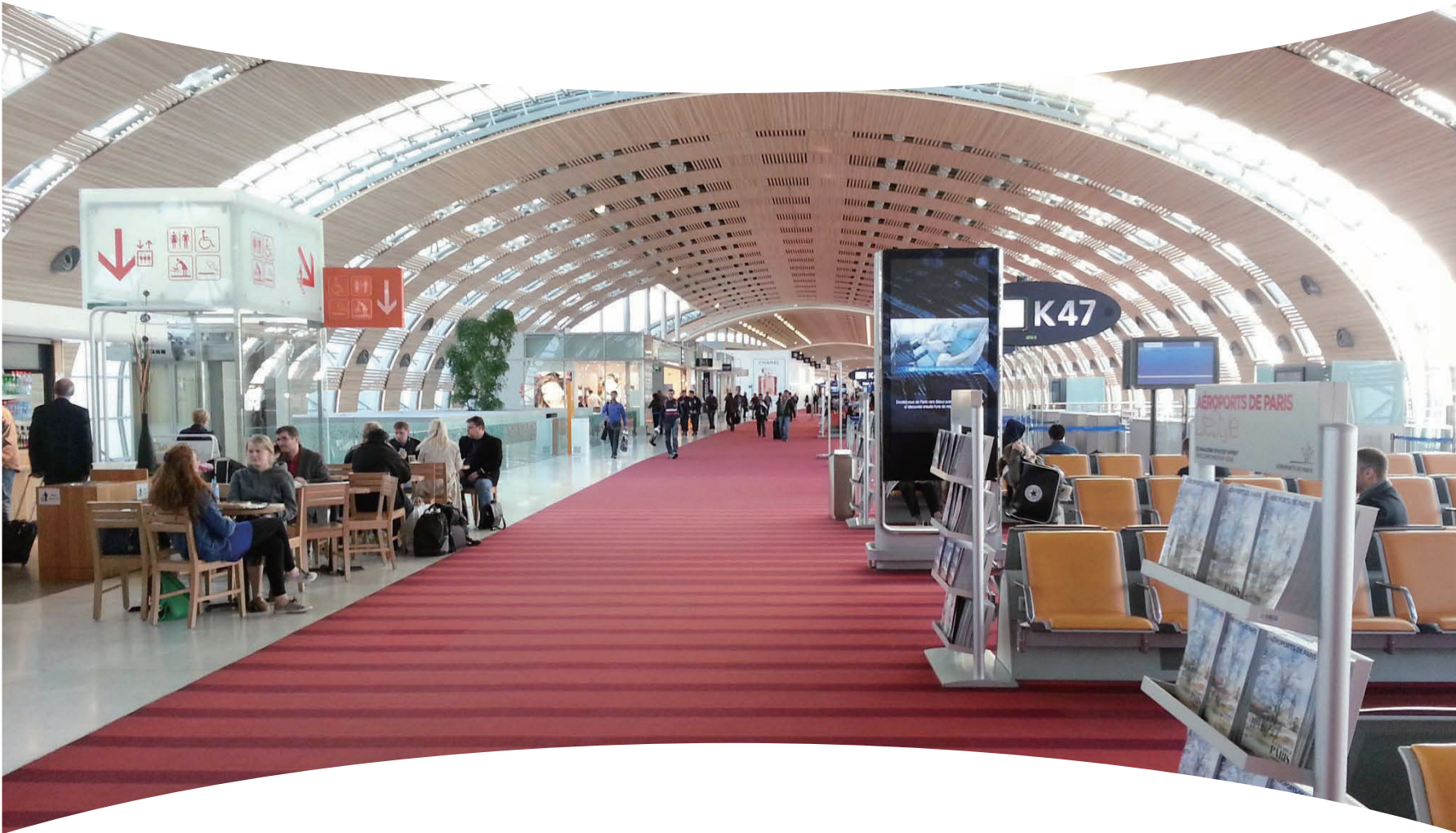
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# Widely Applicable Indoor Digital Signage



**Centralized platform management**

Various software interfaces make multimedia contents creation and release convenient. Dahua SDK and technical support make content development and management easier.



**Latest android OS inside**

Open software and hardware interfaces make public content display easier, besides that, you can also install the third-party software to achieve online music, gaming and other applications.



**Industrial appearance design**

Metal housing make the device wearable, strong and anti-magnetic. Protective glass design and painting process makes device body smooth and uniform, dustproof, anti-crash and scratch-proof.



**Abundant interfaces and connection modes**

Support LAN, Wi-Fi, 3G mixed network connection, meet all requirements of practical project application. Abundant video & audio interfaces bring you colourful audio-visual experience.



Product



43"/49"/55"/65"  
FLOOR-STANDING GENERAL DIGITAL SIGNAGE  
**LDVXX-LAI200**

- Resolution: 1920×1080
- Viewing angle: 178°/178°
- Brightness: 400cd/m² (43"), 400cd/m² (49"), 400cd/m² (55"), 500cd/m² (65")
- Built-in Wi-Fi module, speaker, USB player
- 24/7 operation
- Support appearance customization
- Storage capacity: 8G, expandable up to 64G
- Android OS
- Metal frame, protective glass



22"/32"/43"/49"/55"  
WALL-MOUNTED GENERAL DIGITAL SIGNAGE  
**LDHXX-LAI200**

- Resolution: 1920×1080
- Viewing angle: 178°/178°
- Brightness: 350cd/m² (22"), 350cd/m² (32"), 400cd/m² (43"), 400cd/m² (49"), 400cd/m²(55")
- Built-in Wi-Fi module, speaker, USB player
- 24/7 operation
- Support appearance customization
- Storage capacity: 8G, expandable up to 64G
- Android OS
- Metal frame, protective glass



# Professional Design for Outdoor Application



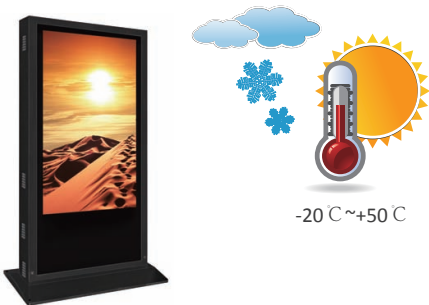
### Dustproof & waterproof design

The waterproof metal housing, sealing rubber strip design and professional painting process make the device dustproof and waterproof.



### Better temperature adaptability

Built-in precision air condition, so that it can work normally even if it is in extreme cold or hot weather.



### High brightness

Ultra high brightness LCD panel guarantees the picture's readability and quality even under direct sunlight.



### Smart brightness sensor and self-regulation

It can adjust display brightness automatically according to the environment, make the best display effect and save energy.



## Product



43"/49"/55"/65"  
FLOOR-STANDING OUTDOOR DIGITAL SIGNAGE  
**LDVXX-LAO200**

- Resolution: 1920×1080
- Viewing angle: 178°/178°
- Brightness: 2000cd/m²
- Work temperature: -20 °C ~+50 °C
- 24/7 operation
- Support appearance customization
- IP65, waterproof and dustproof
- Android OS
- Metal frame, protective glass



32"/43"/55"/65"  
WALL-MOUNTED OUTDOOR DIGITAL SIGNAGE  
**LDHXX-LAO200**

- Resolution: 1920×1080
- Viewing angle: 178°/178°
- Brightness: 2000cd/m²
- Work temperature: -20 °C ~+50 °C
- 24/7 operation
- Support appearance customization
- IP65, waterproof and dustproof
- Android OS
- Metal frame, protective glass



# Space Saving Stretched Digital Signage



### 32:9 ultra wide ratio for various screen application

With the multi-screen display function, you can display 2 different 16:9 videos or video and information release simultaneously.



32:9 ratio videos



32:9 ratio video & information release

### Maximise the space utilization rate

No matter in convenience store shelf or low ceiling, 29"/37" stretched screen can offer eye-catching promotion effects without disturbing customers shopping and pedestrians passing by.



Station



Convenience store



Reception

### 32:9 immersive view experience

Ultra wide ratio screen is more suitable for big scene display and provides a immersive viewing experience.



### MPS offers easy content editing

The media publish system offers 32:9 content templates, easy for contents editing, no matter full screen or split screen.



32:9 ratio video & information release

## Product



### 29" ULTRA WIDE DIGITAL SIGNAGE LDH29-SAI100

- Resolution: 1920x540, 32:9
- Viewing angle: 178°/178°
- Brightness: 500cd/m²
- Contrast: 3000:1
- Built-in Wi-Fi module, speaker, USB player
- 24/7 operation
- Support SD card
- Android OS

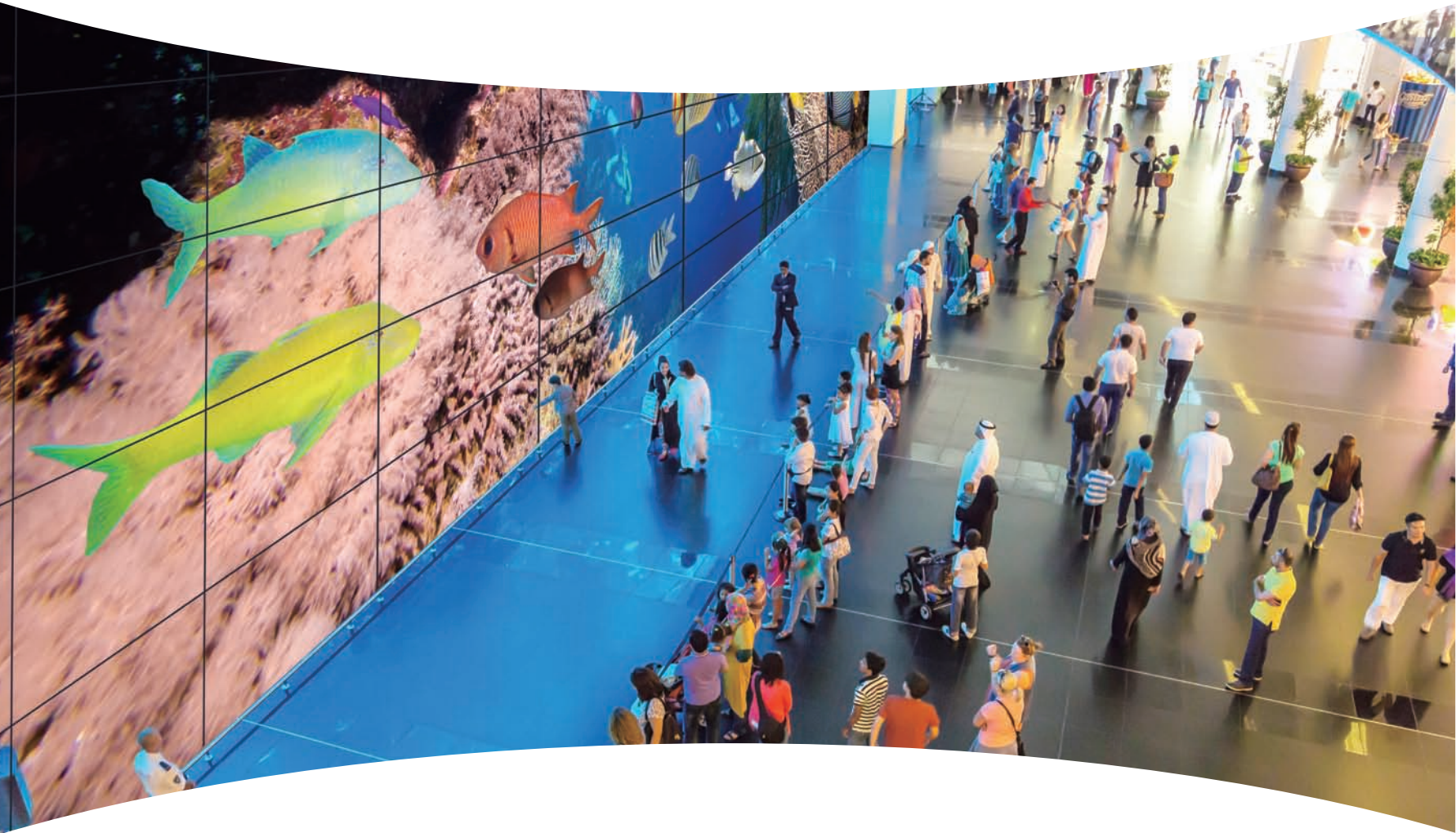


### 37" ULTRA WIDE DIGITAL SIGNAGE LDH37-SAI100

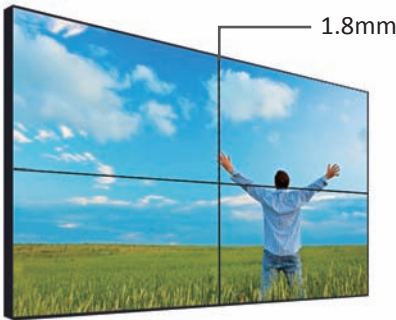
- Resolution: 1920x540, 32:9
- Viewing angle: 178°/178°
- Brightness: 700cd/m²
- Contrast: 3000:1
- Built-in Wi-Fi module, speaker, USB player
- 24/7 operation
- Support SD card
- Android OS



# Ultra Narrow Bezel Video Wall



**Nearly seamless splicing**  
Narrowest bezel brings seamless splicing effect, the overall screens look like a single one.



**Uniform brightness**  
Dahua LED backlight technology makes high uniformity in brightness between different screens and brings pretty uniform viewing effect.

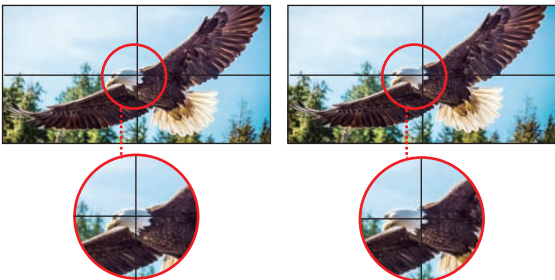


Brightness difference



Dahua screen

**High frame synchronization**  
Professional video splicing technology brings ultra synchronous display effect, without image malposition.



Dahua

Conventional

**Flexible splicing mode**  
Powerful controller makes flexible image display, supports screen multi-segmentation, splicing, image roam, PIP and etc.



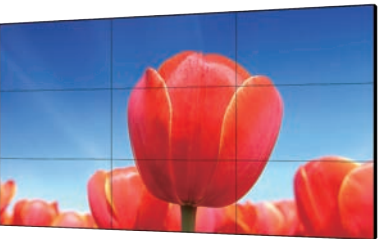
## Product



55" NEARLY SEAMLESS BEZEL VIDEO WALL

**DHL550UDH-EG**

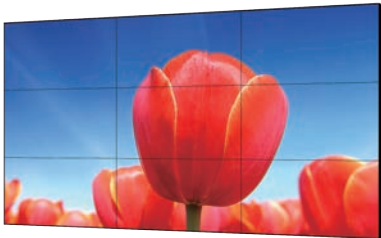
- Bezel: 1.8mm (side to side)
- Resolution: 1920×1080
- Viewing angle: 178°/178°
- Brightness: 800cd/m<sup>2</sup>
- Display color: 1.07B Colors/10bit
- 24/7 operation



55" NEARLY SEAMLESS BEZEL VIDEO WALL

**DHL550UDM-EG**

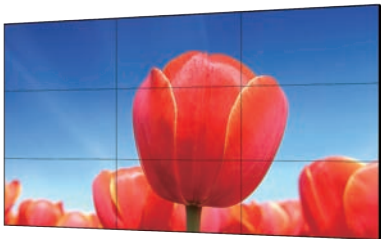
- Bezel: 1.8mm (side to side)
- Resolution: 1920×1080
- Viewing angle: 178°/178°
- Brightness: 500cd/m<sup>2</sup>
- Display color: 1.07B Colors/10bit
- 24/7 operation



46"/55" ULTRA NARROW BEZEL VIDEO WALL

**DHL460/550UCH-ES**

- Bezel: 3.5mm (side to side)
- Resolution: 1920×1080
- Viewing angle: 178°/178°
- Brightness: 800cd/m<sup>2</sup>(46"), 700cd/m<sup>2</sup>(55")
- Display color: 1.67M Colors/8bit
- 24/7 operation



46"/55" ULTRA NARROW BEZEL VIDEO WALL

**DHL460/550UCM-ES**

- Bezel: 3.5mm (side to side)
- Resolution: 1920×1080
- Viewing angle: 178°/178°
- Brightness: 500cd/m<sup>2</sup>
- Display color: 1.67M Colors/8bit
- 24/7 operation



# Smart Multi-touch Experience



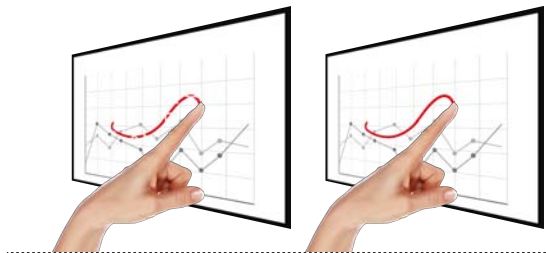
### 10-point touch experience

It offers a more comfortable touch sense because it can recognize up to 10 different points simultaneously, so that multiple operators can draw on it simultaneously.



### No track loss, perfect touch experience

High sensitive touch experience so that you can write and draw what you want without ghost. The picture is clear without a gap.



### 84" ultra HD multi-touch display

Huge UHD (3840×2160) display with multi-touch sense brings you a different operation experience.



### Industrial appearance design

Metal housing makes the device wearable, strong and anti-magnetic. Protective glass design and painting process make device body smooth and uniform, dustproof, anti-crash and scratch-proof.



## Product



55"/65"/75"/84"  
E-WHITEBOARD DISPLAY  
LUXX-LT200/LT400

- Resolution: 1920×1080 (55", 65", 75"), 3840×2160 (84")
- Viewing angle: 178°/178°
- Brightness: 500cd/m²
- Positioning accuracy: ±1mm
- Writing mode: finger, touch pen, nontransparent object
- Fingerprint identification (optional)
- Installation: wall-mounted, mobile bracket
- Metal frame, protective glass
- Built-in E-whiteboard software, widely used in education

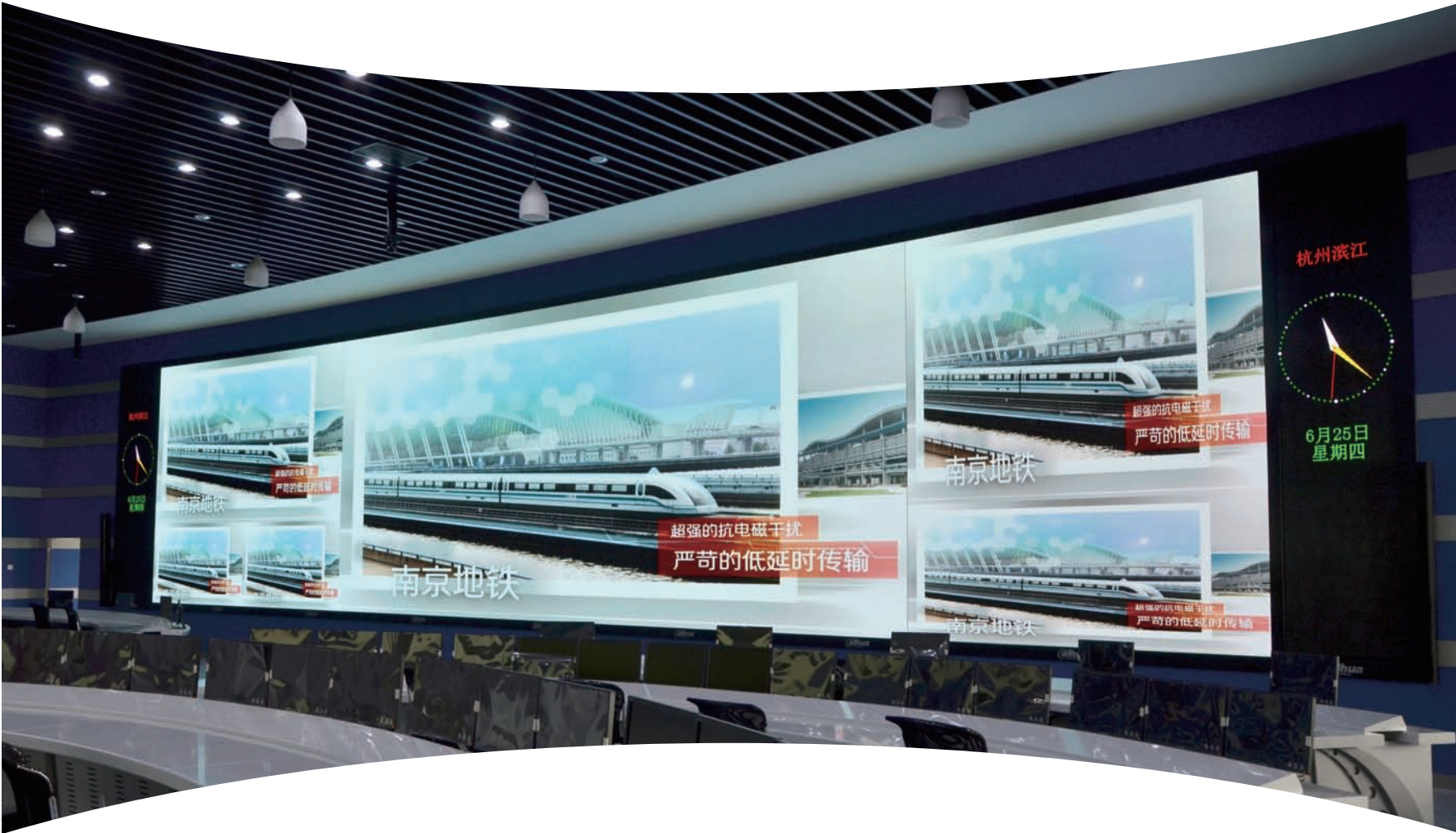


43"/55"/65"  
INTERACTIVE INQUIRY MACHINE  
LDWXX-LW1200

- Resolution: 1920×1080
- Viewing angle: 178°/178°
- Brightness: 400cd/m²(43"), 450cd/m²(55"), 500cd/m²(65")
- Positioning accuracy: ±1mm
- Writing mode: finger, touch pen, nontransparent object
- Metal frame, protective glass
- Inquiry machine, widely used in bank, hospital, public places

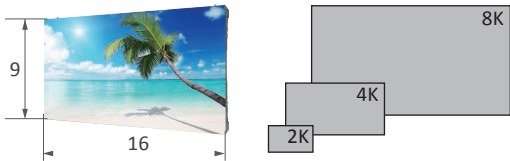


# High-end Seamless Vivid Display



### Golden ratio & viewing experience

16:9 & 1:1 cabinet ratio, it can be easily used for splicing 2k, 4k & 8k standard resolution screen. Achieve 'point to point' display via the small pixel. The wide viewing angle provides the most comfortable visual enjoyment.



### Ultra-light & thin cabinet

Whole die-casting aluminum sealing structure, CNC precision machining to realize zero splicing seam 0.1 mm.



### High gray scale performance

Higher gray scale performance for dark image display benefited by quality LED lamp and IC driver.



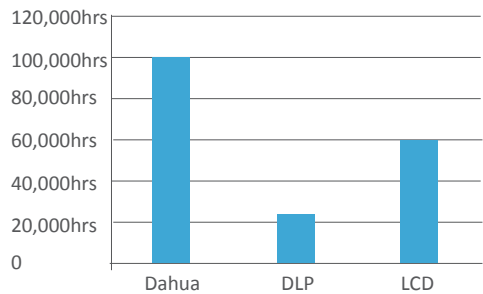
Normal LED gray scale performance under 30% brightness



Dahua LED gray scale performance under 30% brightness

### Double backup, stable and reliable

Double backup power signal, to guarantee the system stability, 100,000 hours lifespan and stable operation.



## Product



0.9mm/1.2mm/1.5mm  
INDOOR SMALL PIXEL PITCH LED DISPLAY  
**PHSA0.9/1.2/1.5-H**

- Pixel pitch: 0.9/1.2/1.5mm
- Resolution: 1080P, 4K, and other customized resolution
- Gray scale: 16bit
- Refresh rate: ≥1920Hz
- Contrast: 3000:1
- Cabinet ratio: 16:9
- 24/7 operation, 100,000hrs lifespan
- Dot by dot calibration ensures excellent color and brightness uniformity
- Low power consumption, environment friendly
- Natural heat dissipation mechanism enables fan-less design with no noise



1.6mm/1.9mm/2.5mm  
INDOOR SMALL PIXEL PITCH LED DISPLAY  
**PHSA1.6/1.9/2.5-N**

- Pixel pitch: 1.6/1.9/2.5mm
- Resolution: 1080P, 4K, and other customized resolution
- Gray scale: 16bit
- Refresh rate: ≥2880Hz
- Contrast: 3000:1
- Cabinet ratio: 1:1
- 24/7 operation, 100,000hrs lifespan
- Dot by dot calibration ensures excellent color and brightness uniformity
- Low power consumption, environment friendly
- Natural heat dissipation mechanism enables fan-less design, no noise
- Wide color range, excellent color uniformity, no rainbow effect, broadcasting level strong stability

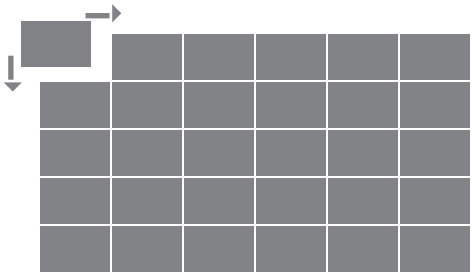


# Stable General Fixed LED Display



### Splicing without limitation

You can get as large size LED splicing screens as you want via ultra thin cabinet.



### All-weather outdoor application

Complete waterproof module, complete seal, strong UV design. Module supports IP68 (front/rear); Cabinet supports IP65 / IP54 (front/rear), suits applications in hostile weather conditions.



### Front/Rear maintenance

Module supports front/rear maintenance, quick disassembling without complex maintenance tools. Unique lock design, realize unarmed maintenance.



### Soft image & high consistency

High refresh rate, 14 bits high gray level, 3000:1 high contrast, display soft image; Leading point correction technology and the professional structure of circuit board design to ensure the uniformity of brightness and color.



## Product



2.6mm/3.9mm/4.8mm  
INDOOR GENERAL FIXED LED DISPLAY  
**PHIA2.6/3.9/4.8**

- Pixel pitch: 2.6/3.9/4.8mm
- Every module supports front and rear maintenance
- 2 seconds (a push and pull) to dismount a module thanks to special spring buckle and magnet between module and cabinet
- Super light to 26kg/m<sup>2</sup>
- Ultra slim to 65mm for screen panel, all together 145mm thickness for the whole screen

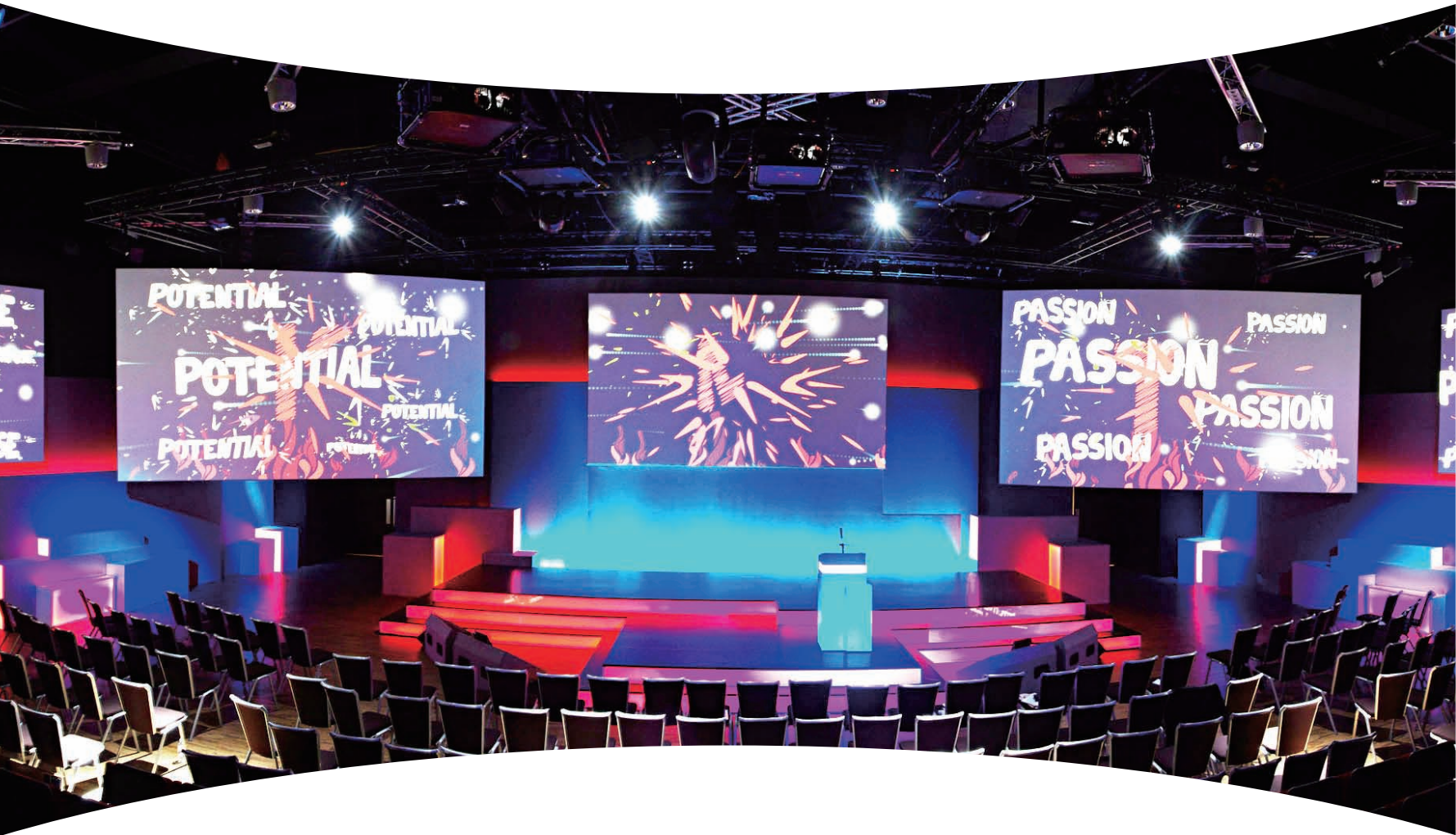


10mm/16mm/20mm/25mm  
OUTDOOR GENERAL FIXED LED DISPLAY  
**PHOA10/16/20/25**

- Pixel pitch: 10/16/20/25mm
- Every module supports front and rear maintenance
- 2 seconds (a push and pull) to dismount a module thanks to special spring buckle and magnet between module and cabinet
- IP65/IP54 for front/rear panel
- High brightness shows vivid image under strong sunshine

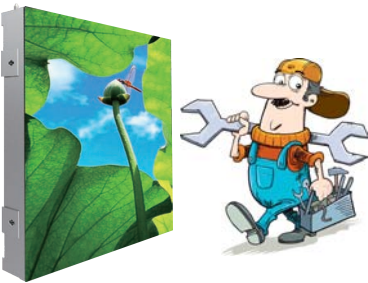


# Fast Installing Portable LED Display



### Single person handling

Special magnets on the top of the panel. Panels will be attracted when approaching. A single person can handle the installation.



### Easy transportation

Use flight cases for transportation which makes it convenient for storage, transportation and protection of LED cabinet.



### Professional video processing controller

Support HD-SDI/HDMI/DVI/VGA and other types of signal.



### Built-in curve design

- Built-in, precise, easy to use
- Concave curve up to 10°
- Convex curve up to 5°
- 45° power & data interface, easy to plug in



## Product



2.6mm/3.9mm/4.8mm  
INDOOR RENTAL LED DISPLAY  
PHRIA2.6/3.9/4.8

- Pixel pitch: 2.6/3.9/4.8mm
- Ultra-thin & ultra-light
- Die casted aluminum cabinets, high precision with seamless splicing
- Standard cabinet size: 500x500mm, convenient for area calculation
- Highly effective & quick for transportation and screen assembling
- SMD black light, wide viewing angle, high-contrast (3000:1), soft image
- Special buckles structural connection between the cabinets



4.8mm/5.9mm/6.9mm  
OUTDOOR RENTAL LED DISPLAY  
PHROA4.8/5.9/6.9

- Pixel pitch: 4.8/5.9/6.9mm
- Magnetic panel design enables single person assembly, disassembly and maintenance
- Rear-service module design is ideal for fast replacement in rental & staging environment
- Module designed power supply and receiving card support quick maintenance
- Climable panel structure is designed for maintenance when hanging installation
- Panel supports both concave and convex curve



# Flexibly Designed Traffic Guidance LED Display



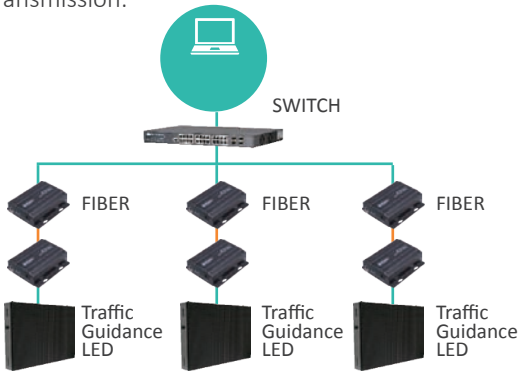
**Ultra high brightness**  
High brightness screen displays clear traffic information in hundreds meters of direct sunlight.



**Intelligent control**  
Intelligent control for power, brightness, temperature, humidity and other information of each traffic guidance LED unit.



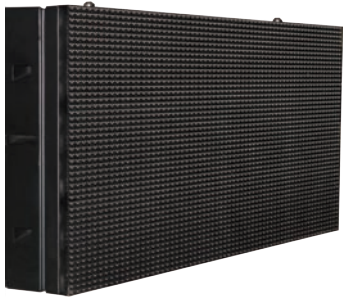
**Remote release**  
Adopt Dahua high performance integrated management platform to realize distributed information remotely , and greatly increase the scope of deployment with using the optical fiber transmission.



**Double door design**  
Protection of IP65 or above and double door design.



## Product

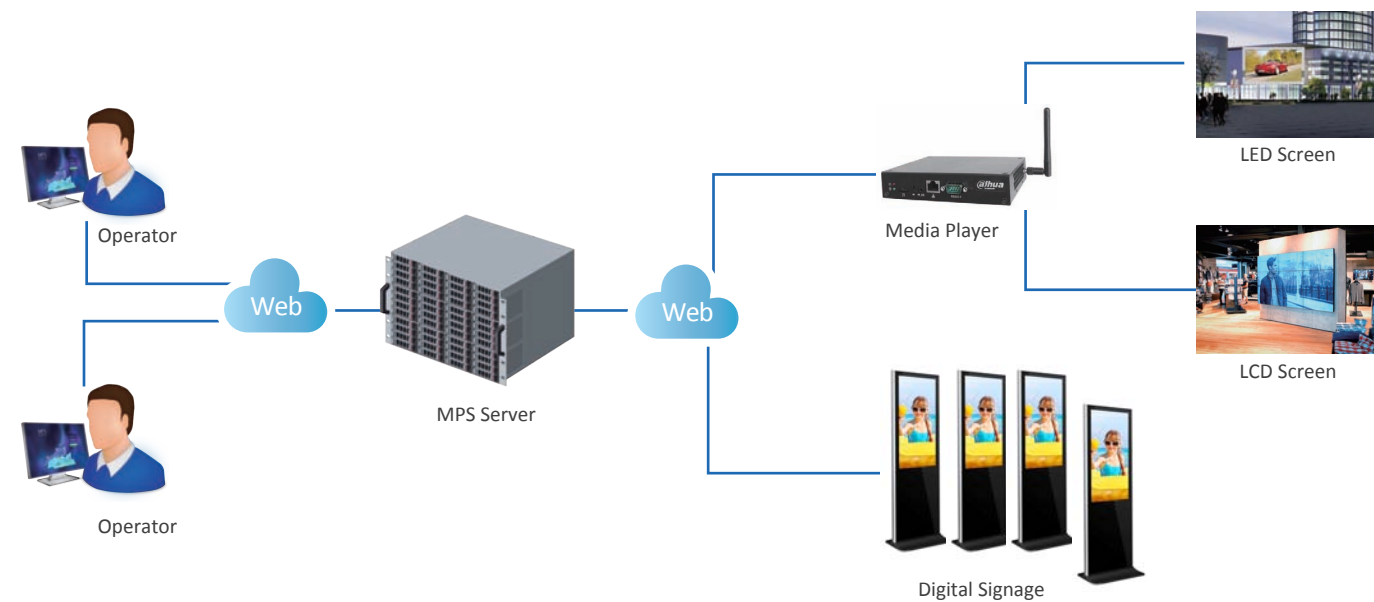


- 10mm/16mm/25mm/31.25mm/33.33mm  
TRAFFIC GUIDANCE LED SCREEN  
**PHTA10/16/25/31.25/33.33**
- Pixel pitch: 10/16/25/31.25/33.33mm
  - General and exchangeable display module
  - Double housing structure keeps the inner temperature balance
  - Keep good moisture proof to prevent leakage performance
  - Good elasticity and anti-aging ability
  - Adopt cooling fan for power and other important IC device
  - Wide temperature range guarantees normal operation in harsh conditions
  - Adopt industrial processor in control system to ensure higher reliability
  - Adopting mature large-scale integrated high-speed network serial transmission via optical fiber
  - Adopt general network data transmission technology to improve variable message sign display response speed



# Management Software and Media Player

- The Media Publish System(MPS) is a total solution of digital signage.
- Various display terminals connect with MPS server via network can download the content, display list, system setting in time and schedule the content display.
- The operator in broadcasting center can easily and flexibly control different display terminal remotely in time. Display contents can be easily created and released at any display terminal as they want.



## Display everything you want

By login MPS web management terminal, user can flexibly combine various information and schedule multimedia program based on their requirements.



## Display schedule management

The user can schedule the broadcast contents, control the broadcast time, order, frequency and location.



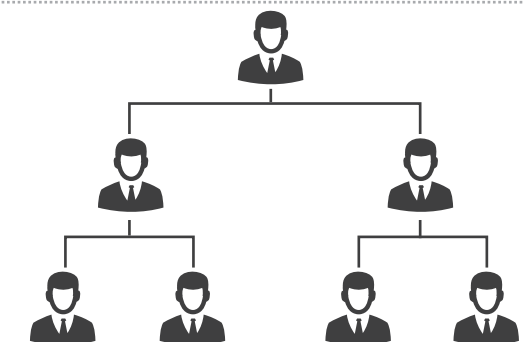
## Content preview and check

Before release, user can preview and check level by level. Ensure the accuracy of the contents.

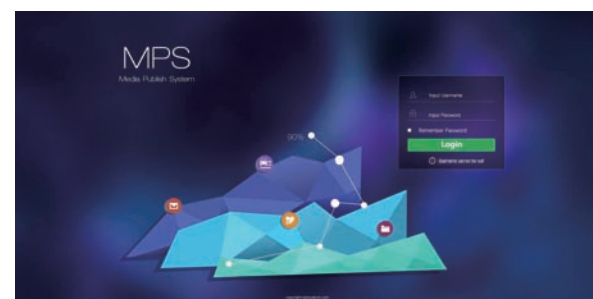


## Permission management

The user group management enables flexible multi-user authorization and management.



## Product



## Flexible content broadcast control

Customized broadcast template, flexible page layout and background picture. Full screen or multi-screen, it is all up to you.



Media player  
**DPB18-AI**

- Max Decoding: 4K@60fps×1CH or 1080P@30fps×8CH
- Interfaces: RJ45, USB, HDMI, Wi-Fi, 4G module(optional)
- Video format: MP4, H.264, H.265, AVC, MPEG-4, SP, VP8
- Audio format: MPEG-4/WMV v9/H.264/WMV3 MIDI/MP3/AAC
- Support video, picture, FLASH, PPT, WORD, EXCEL, txt, scrolling text, webpage, etc.



# Retail



## Solution Features:

- Eye-catching advertisement effect brings more commercial opportunities.
- Scheduled and displayed dynamic commercial advertisement any time and anywhere.
- We offer specific solution and product for different scenarios.
- We meet all customers' requirements, and maximize their commercial value.

## Application Scenario

### Advertisement Gallery



#### General Digital Signage **LDH55-LAI200**

- FHD commercial video
- Electronic poster
- Store information

### Video Wall



#### Video Wall **DHL550UDH-EG**

- Eye-catching display effect
- Full HD video
- TV live
- Public information



### Entrance



#### General Fixed LED Display **PHOA10**

- Shocked display effect
- Best display position
- Eye-catching effect

### Outdoor Promotion



#### Outdoor Digital Signage **LDV65-LAO200**

- Vivid image even under direct sunlight
- Convenient and efficient public information release

### Restaurant



#### Multi-touch Machine **LU65-LT200**

- Information search
- Entertainment and interaction

### Convenient Store Shelves



#### Stretched Digital Signage **LDV37-SAI100** **LDV29-SAI100**

- Immersive viewing experience
- Maximize the space utilization rate





**Solution Features:**

- Meet the requirements of the traffic information release under different environment via different types of display media, various types of display devices and remote media publish system(MPS).
- "See, buy, fly", combine commercial advertisement and traffic information to improve the commercial value for transportation industry.

**Application Scenario**

**Airport**



- General Digital Signage  
**LDH43-LAI200**
- Airline information
  - Commercial advertisement
  - "see, buy, fly"

**Bus Stop**



- Outdoor Digital Signage  
**LDV65-LAO200**
- Bus arrival information
  - City promotion
  - News and public information push service
  - Wi-Fi hot pot server

**Urban Road**

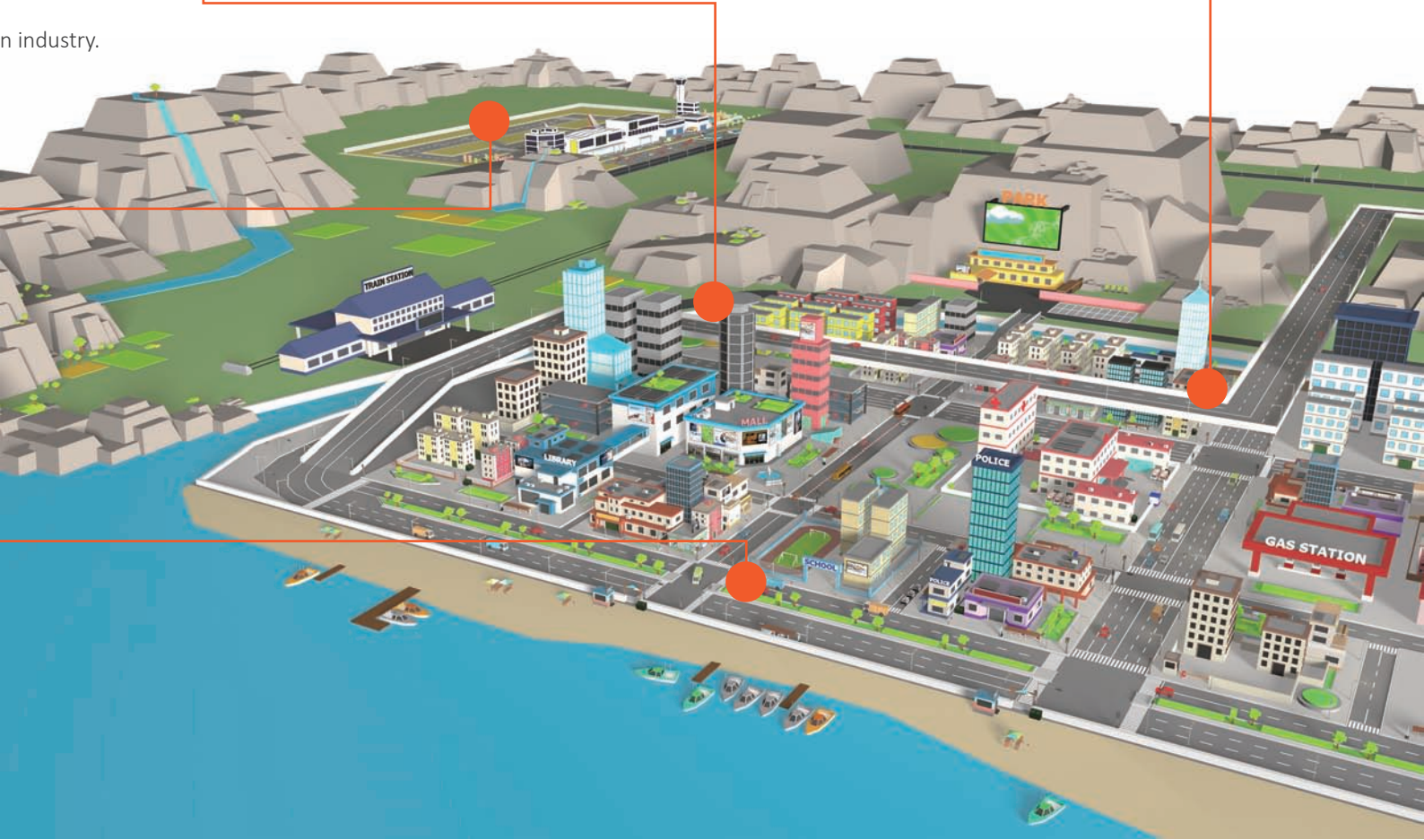


- Traffic Guidance  
**PHTA10**
- City road guidance
  - Advertisement display

**Highway**



- Traffic Guidance  
**PHTA33.33**
- Simple and convenient content release for long distance on the highway
  - Clear image even under snowstorm and other bad weather







**Solution Features:**

- UHD 84" touch screen offers perfect interactive experience for learning and fun.
- Small pixel pitch LED display offers an immersive experience in the auditorium.
- Flexible campus public information editing and release.

**Application Scenario**

**Cafeteria**



General Digital Signage  
**LDH43-LAI200**

- Security and science knowledge sharing during lunch time
- Price list of food
- Campus important information

**Great Hall**



LED Screen  
**PHSA1.5-H**

- Eye-catching display effect
- Ultra HD video
- TV live
- Public information

**Classroom**



Multi-touch E-whiteboard Display  
**LU84-LT200**

- Huge 10-point touch screen makes a perfect classroom experience
- Built-in E-whiteboard software, digital teaching, environment friendly, no dust pollution

**Outside the Classroom**



General Digital Signage  
**LDH43-LAI200**  
Inquiry Machine  
**LU55-LT200**

- Class information and schedule, important notification
- Course introduction and activity inquiry







#### Solution Features:

- The application of digital signage in financial industry can promote financial institution brand image and improve business.
- The user can display the financial information, like exchange rate and financial products offering. Branding and event information can also be displayed.
- Devices like multi-touch screen can be combined to realize other functions such as queue services and information inquiry.
- The system can be controlled remotely no matter how far away.

#### Application Scenario

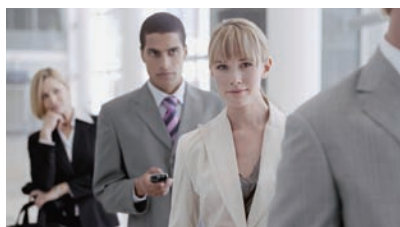
##### VIP Break Room



#### Video Wall **DHL460UCM-ES**

- High end financial product presentation
- Improve brand image

##### Queueing Service



#### Multi-touch Machine **LDW43-LW1200**

- Self-service queueing business
- Self-service information inquiry and business handling

##### Real-time Exchange

DATE	02-05	TIME	8:51
EXCHANGE RATE	WE BUY	WE SELL	
US DOLLAR	888888	888888	
EURO	888888	888888	
POUND	888888	888888	
RAND	888888	888888	
CHINA RMB	888888	888888	
HONGKONG DOLLAR	888888	888888	

#### General Digital Signage **LDH32-LAI200**

- Exchange rate display intuitively
- Operator can refresh the exchange rate in real time via the management platform

##### Experience Zone



#### Multi-touch Display **LU65-LT200** General Digital Signage **LDH32-LAI200**

- High end financial product presentation
- New product and service promotion







- Solution Features:**
- For ward/queue system/hall display.
  - Remote control of all devices.
  - Support interactive inquiry of patients' own rehabilitation progress queries.
  - Simplify the doctor-seeing procedures, remission patient's anxiety emotion.

Application Scenario

**Inquiry Machine**

- Multi-touch Machine  
**LDW43-LW1200**
- Inquiry service for location of administrative office, doctor and medicine information







## QUALITY BY DESIGN

\* Design and specifications are subject to change without notice.

Commercial Display And Solution- 01, Mar 2017



www.dahuasecurity.com

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