

DS-D44C04-H LED Full-Color Display Controller



DS-D44C04-H LED Full-Color Display Controller can be used with the full-color display units to achieve the seamless jointing of the video wall in any dimensions. It is applicable to the meeting rooms, studio, gym, airport, bank, advertisement, family cinema, etc.

- 1080P resolution input/output
- 3840 Hz high visual refresh rate
- High color domain coverage ratio

Features and Functions

- Four Gigabit Ethernet output ports, each with 650 thousand pixels load at most
- Multi-controller cascade display, multicast control to realize synchronization
- Super long subtitle display, and left-justifying and right-justifying, centering and scroll display
- Automatic dehumidification to protect damp led, and four humidity modes suit the areas of different humidity
- Quick and convenient operation by remote client software
- Obtains IP address on random network segment to make sure no conflicts among IPs and network security

Superior Image Processing

- 16 bit depth of processing, low light and high grey to restore the colors of original images
- 3840 Hz high refresh rate, nanosecond response time, and smooth video pictures
- Automatic brightness and self-adaption to environmental lightness (with multi-function card)
- Image color temperature adjustment with standard, cold, warm colors selectable
- Highly reliable pixel-by-pixel screen correction to ensure the consistency between brightness and chromaticity
- Manual visual piece revision to dilute and smooth the gap
- Image enhancement adjustment to improve the visual display

Powerful System Functions

- DVI, DP, and HDMI signal sources available, and automatic signal source detection without changing the signal source manually
- HD signal input at up to 1920x1080@60Hz and point-to-point output
- Supports signal input at any resolution (e. g 2000x1000@60Hz), and zooms randomly in the output range
- Self-adaptive EDID, and automatic matching the best resolution
- Loop inputs and outputs signals to provide security for display signal



Specifications

| Model | DS-D44C04-H | |
|------------------------|---------------------------|---|
| Interfaces | Signal input | 1-ch DVI, 1-ch HDMI, 1-ch DP |
| | Signal output | 4ch ports output, 1ch DVI output |
| | Signal control | Network |
| Processing Performance | Max. resolution | 2048 x 1152@60Hz or 1920 x 1200@60Hz |
| | Frame frequency | 60 Hz |
| | Refresh rate | 3840 Hz |
| | Processing depth | 16 bits |
| | Grey level | 65535 bits |
| | Color | 281.4 trillion |
| | Brightness control | Automatic/manual |
| General | Dimensions | 482.6 x 250 x 44.5 mm (19 x 9.8 x 1.8 inch) |
| | Power supply | 100 to 240 VAC |
| | Average power dissipation | ≤ 20W |
| | Working temperature | -10 to 45 °C (14 to 113 °F) |
| | Storage temperature | -20 to 60 °C (-4 to 140 °F) |
| | Working humidity | 10 to 90% |
| | Storage humidity | 10 to 90% |

*: All specifications mentioned above are subject to the actual product.

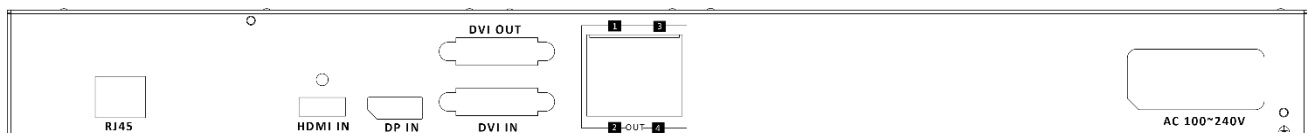
Hardware interface picture

Front Panel



| Indicator | Description | Indicator | Description |
|-------------------------|---|---------------|--|
| PWR | Power indicators | ACTIVE | Signal source status light (flickers when examine signal source, while slowly when no signal source) |
| INFO | Receiving card status indicator (Blinks quickly when receiving card is offline while blinks slowly when receiving card is online) | HDMI | Lights when signal source is switched to HDMI |
| DP | Lights when signal source is switched to DP | DVI | Lights when signal source is switched to DVI |
| Brightness Level | Brightness display, and device IP address display | - + | Brightness adjustment in normal mode. Switching test images in test mode. |
| Source | Short press to change signal button, long press to enter image test mode | | |

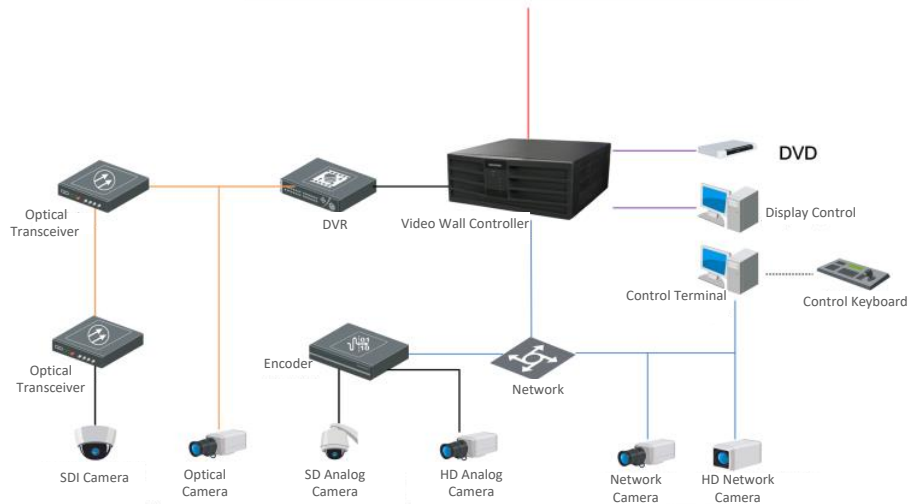
Rear Panel



| Interface | Description |
|----------------|--------------------------------|
| RJ45 | Network signal input |
| HDMI IN | HDMI digital signal input |
| DP IN | DP digital signal input |
| DVI IN | DVI digital signal input |
| DVI OUT | DVI digital signal loop output |
| OUT | One-to-four port |

Typical Applications

- Optical Fiber
- BNC
- IP
- VGA
- DVI/HDMI
- ⋯ RS232



Available Models

DS-D44C04-H

Distributed by



HIKVISION®

Headquarters

No.555 Qianmo Road, Binjiang District,
Hangzhou 310051, China
T +86-571-8807-5998
overseasbusiness@hikvision.com

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

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

Hikvision India
T +91-22-28469900
sales@pramahikvision.com

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

Hikvision Thailand
T +662-275-9949
sales.thailand@hikvision.com

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

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

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

Hikvision Turkey
T +90 (216)521 7070- 7074
sales.tr@hikvision.com

Hikvision Malaysia
T +601-7652-2413
sales.my@hikvision.com

Hikvision UK & Ireland
T +01628-902140
sales.uk@hikvision.com

Hikvision South Africa
Tel: +27 (10) 0351172
sale.africa@hikvision.com

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

Hikvision Kazakhstan
T +7-727-9730667
nikia.panfilov@hikvision.ru

Hikvision Vietnam
T +84-974270888
sales.vt@hikvision.com

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

Hikvision Singapore
T +65-6684-4718
sg@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 Hong Kong
T +852-2151-1761
info.hk@hikvision.com

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

Hikvision Korea
T +82-[0]31-731-8817
sales.korea@hikvision.com

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

Hikvision Indonesia
T +62-21-2933759
Sales.Indonesia@hikvision.com

Hikvision Colombia
sales.colombia@hikvision.com