

# Single Channel High Definition Video Decoder

## DC5506



## DC5509



## Key Features

Provide 6/9 DVI-D output interfaces

Provide 1 DVI-D input interface

Up to 1920 × 1080@60Hz via DVI-D output interfaces

Up to decoding at 8MP resolution

DC5506 Support 6-ch@4K/24-ch@1080P/54-ch@720P/96-ch@D1 decoding ability

DC5509 Support 9-ch@4K/36-ch@1080P/81-ch@720P/144-ch@D1 decoding ability

Decode video stream in H.265/ H.264

1/2/3/4/6/7/9/16 display split

Standard ONVIF video stream supported

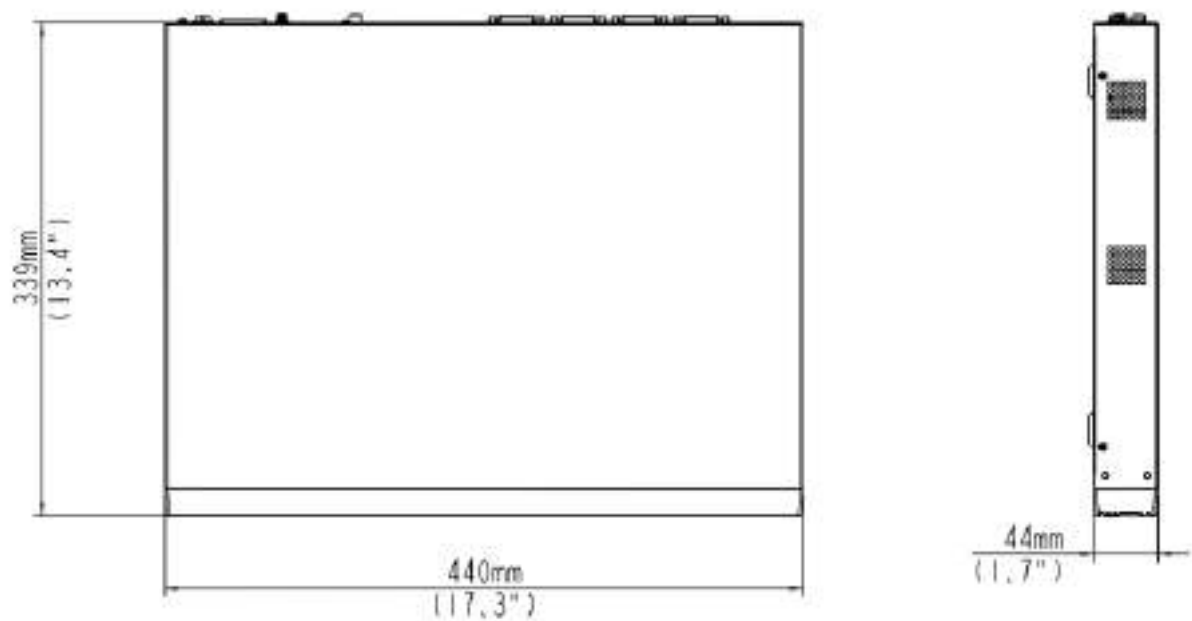
DC5506 Support up to 6 video-wall display units

DC5509 Support up to 9 video-wall display units

## Specifications

|                          | DC5506                                                                                                                                           | DC5509                                                                                                                                          |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| Video Input              |                                                                                                                                                  |                                                                                                                                                 |
| DVI-D input              | 1-ch,<br>1024x768 (XGA) @60HZ、1280x720 (720P) @60HZ、1280x1024 (SXGA) @60HZ、1440x900 (WSXGA) @60HZ、1600x1200 (UXGA) @60HZ、1920X1080 (1080P) @60HZ |                                                                                                                                                 |
| Video Output             |                                                                                                                                                  |                                                                                                                                                 |
| DVI-D output             | 6-ch<br>1024x768 (XGA) @60HZ、1280x720 (720P) @60HZ、1280x1024 (SXGA) @60HZ、1440x900 (WSXGA) @60HZ、1600x1200 (UXGA) @60HZ、1920X1080 (1080P) @60HZ  | 9-ch<br>1024x768 (XGA) @60HZ、1280x720 (720P) @60HZ、1280x1024 (SXGA) @60HZ、1440x900 (WSXGA) @60HZ、1600x1200 (UXGA) @60HZ、1920X1080 (1080P) @60HZ |
| Video Decoding           |                                                                                                                                                  |                                                                                                                                                 |
| Video Stream Format      | H.265/H.264                                                                                                                                      |                                                                                                                                                 |
| Decoding Capability      | 6x4K@30, 24x1080P@30, 54x720P@30, 96×D1                                                                                                          | 9x4K@30, 36x1080P@30, 81x720P@30, 144×D1                                                                                                        |
| Display split            | 1/2/3/4/6/7/9/16                                                                                                                                 |                                                                                                                                                 |
| External Interface       |                                                                                                                                                  |                                                                                                                                                 |
| Audio Input              | 1-ch (Reservation)                                                                                                                               |                                                                                                                                                 |
| Audio Output             | 1-ch (Reservation)                                                                                                                               |                                                                                                                                                 |
| Alarm Input              | 6 (Reservation)                                                                                                                                  |                                                                                                                                                 |
| Alarm Output             | 3 (Reservation))                                                                                                                                 |                                                                                                                                                 |
| Serial Interface         | 1 RS-232, 1 RS485                                                                                                                                |                                                                                                                                                 |
| Network Interface        | 1 RJ-45 , 10M/100M/1000M adaptive Ethernet Interfaces                                                                                            |                                                                                                                                                 |
| USB Interface            | 1, USB 3.0                                                                                                                                       |                                                                                                                                                 |
| WIFI                     | 1 (Reservation)                                                                                                                                  |                                                                                                                                                 |
| General                  |                                                                                                                                                  |                                                                                                                                                 |
| Power Supply             | 100~240 VAC                                                                                                                                      |                                                                                                                                                 |
| Consumption              | <54 W                                                                                                                                            |                                                                                                                                                 |
| Working Temperature      | -10℃ ~ + 55℃                                                                                                                                     |                                                                                                                                                 |
| Working Humidity         | 5% ~ 95% (No-condensing)                                                                                                                         |                                                                                                                                                 |
| Weight                   | 3.5 Kg                                                                                                                                           |                                                                                                                                                 |
| Dimensions ( H x D x W ) | 44mm (H) × 440mm (V) × 339mm (D)                                                                                                                 |                                                                                                                                                 |

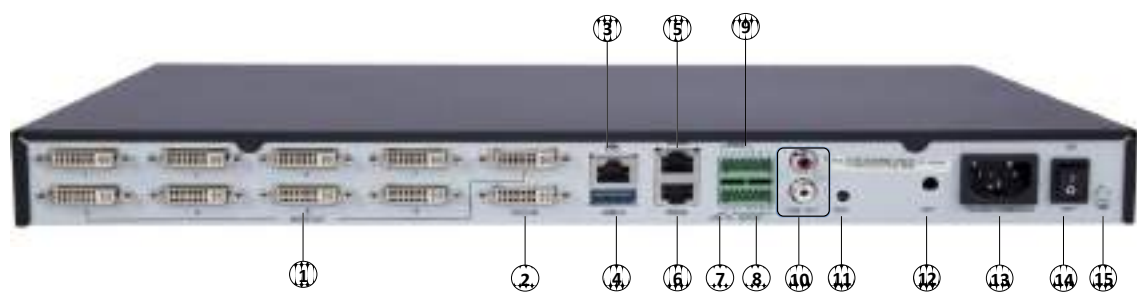
Dimensions



Rear Panel



| Front view      |             |             |
|-----------------|-------------|-------------|
| (1) Running LED | (2) ALM LED | (3) NET LED |
| (4) WIFI LED    | (5) DEC LED |             |



Rear view

|                     |                   |                        |
|---------------------|-------------------|------------------------|
| (1) DVI-D OUT       | (2) DVI-D IN      | (3) Ethernet Interface |
| (4) USB 3.0         | (5) RS-485        | (6) RS-232             |
| (7) LINE IN         | (8) ALM OUT       | (9) ALM IN             |
| (10) LINE OUT       | (11) RST          | (12) WIFI              |
| (13) AC Power Input | (14) Power Switch | (15) Grounding         |

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\*Product specifications and availability are subject to change without notice.