DIGIEVER

Video Wall Decoder VD Series

The World's First 4K UHD Hardware Decode Linux-embedded Video Wall Decoder

intel inside™ **4K UHD** H/W DECODE

25 CH **VD-0025**
Local Display Monitoring
Supported Channels 25CH

36 CH **VD-0036**
Local Display Monitoring
Supported Channels 36CH

49 CH **VD-0049**
Local Display Monitoring
Supported Channels 49CH

64 CH **VD-0064**
Local Display Monitoring
Supported Channels 64CH

Main Features

● Superb 4K UHD Hardware Decode Local Display

Perform 8M(4K UHD) Resolution per Channel
Powered by high performance Intel CPU, Video Wall Decoder can perform videos captured from 8M IP cameras for detailed image clarity.

Up to 64-CH Hardware Decode
Users can monitor up to 64 channels with hardware decode technology.

Dual Display via HDMI/ DVI-I
Equipped with HDMI and DVI-I video output, Video Wall Decoder allows users to display same screen in two different areas without installing extra PC.

Support 60FPS IP Camera Monitoring
Video Wall Decoder supports 60FPS IP camera to capture fast-moving objects for diverse monitoring applications such as casinos, highway, etc.

Liveview Optimization: Smart Dual Stream Switch
Video Wall Decoder will smartly switch suitable streaming in different display modes to display better liveview performance.

● Comprehensive Compatible Ability

Support over 90 brands and more than 3200 IP Cameras
With high compatible ability, users can add desired IP cameras to Video Wall Decoder and deploy suitable display mode to guard secure areas.

Support ONVIF Profile/ Generic RTSP&MJPEG
Video Wall Decoder conforms to ONVIF (Open Network Video Interface Forum) and supports generic RTSP (H.264)/ MJPEG URLs to satisfy user's monitoring requirements of cameras.

● User-friendly Design

Same User Interface Design with DIGIEVER NVR
Based on DIGIEVER NVR's operation design, users can quickly start operating Video Wall Decoder with zero learning curve.

Quick Configuration in 4 Steps
Through quick configuration on the configuration page, Video Wall Decoder will direct users to setup system. Four steps, less than 1 minutes, the setting of camera, system, network environment and date/time can be easily set up.

Smart Group Adding: Quickly Add NVR or Camera
Video Wall Decoder allows users to directy add either DIGIEVER NVRs or IP cameras via UPnP group search to save installing time.

Convenient Remote Controller
Users can operate many Video Wall Decoders via one remote controller to monitor secure areas without the barriers of distance and the needs of mouse or keyboard.

● Advanced and Reliable Security System

Reliable Linux Security System
Linux-embedded system is efficient to avoid virus attack and hacker intrusion. Besides, users can have a more green and power saving surveillance solution.

Detailed Complete Log Information
Complete logs system allows users to do quick trouble shooting and security control.

Flexible User Privilege Management
Administrator can add multiple users like power user and user to configure liveview access.

Linux Embedded | HDMI/DVI Local Display | 4K UHD H/W DECODE | MJPEG MPEG-4 H.264 | PTZ Control | 60FPS Cameras H/W Decode Support | Quick Configuration 4 Steps | User Privilege Management | HTTP/HTTPS | ONVIF | Generic RTSP/MJPEG

Technical Alliance   AXIS ADP Program   intel inside™   ONVIF

www.digiever.com

E-Mail: sales@digiever.com

Technical Specifications

System

Operating System	Linux-embedded
CPU	Intel Dual Core High performance CPU
LAN Port[1]	Gigabit x1
USB Connector	USB3.0 × 2 (Rear), USB2.0 × 4 (Front x2, Rear x2)
Video Output Connector	HDMI x1, DVI-I x1 (For Dual Display)
Operating Temperature	0～40℃
Operating Humidity	0～95% R.H.
Power Supply	External power adaptor: 90W Input :19VDC, 4.74A
Power consumption	31.5W～38W
H/W Dimensions	250(H) x 58.5(W) x 192(D) mm 9.84(H) x 2.3 (W) x 7.56(D) inch

Liveview

Display Mode	1/3/4/9/12/16/20/25/30/36/42/49/56/64& 5+1-channel & sequential and full screen display modes
H/W Decode Max Resolution per Channel	Resolution up to 8MP (4K UHD) per channel
Max Channel Supported on Local Display	Up to 64channel/ Page
H/W Decode Local Display Max. FPSin Single Page	4MP: 200FJPS/ Full HD: 480FPS / HD: 720FPS/ D1/ CIF: 1000FPS (H264)
Max. FPS in Single Channel	Up to 60FPS
Liveview Optimization	Smart dual stream switch
Image Effects	(1) Up to 5 Megapixel panomorph dewarping[2] (2) Camera Corridor mode
Liveview Control	PTZ panel, PTZ Patrol, AutoFocus, Digital zoom in/out, Audio, Snapshot, Auto/Manual stream change, Panomorph[2]
Configuration	Set configuration via local display interface

Security Management

User Privilege	Administrator, Power user and User Hardware
Log System	Log, SystemLog, Current User and Historical User Log
Timeout Setting	Set up auto timeout period

*All designs and specifications are subject to change without prior notice.

Network Service

Protocol	HTTP、HTTPS、TCP/IP、DHCP、DDNS、UPnP、NTP
Built-in Servers	Built-in DHCP/NTP Server

PC Requirements for Remote Configuration

Operation System (32 and 64-bit)	Windows Vista / 7 / 8
Web Browsers	IE, Chrome, Firefox, Safari, Opera

Remote Control (Optional)

Functions	Display mode, PTZ control, Sequential, Event log, Snapshot, Option, Liveview, Configuration page, Mouse & Keyboard

Language

Supported Languages	Croatian, Czech, Dansk, Deutsch, Dutch, English, Finnish, French, Indonesia, Italian, Japanese, Korean, Hungarian, Norwegian, Polish, Portuguese, Russian, Spanish, Swedish, Thai, Turkish, Tradition Chinese, Simplified Chinese, Vietnamese

Appearance

1. Power button
2. USB 2.0 x 2
3. Audio output(reserved)
4. Audio mic input(reserved)
5. USB 2.0 x 2
6. Gigabit LAN x 1
7. HDMI x 1
8. eSATA x 1(reserved)
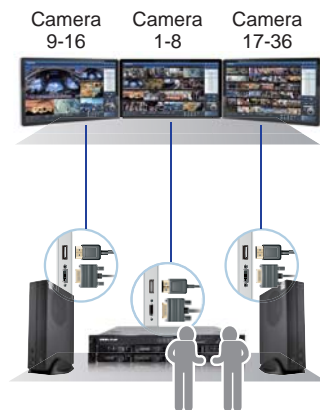9. DVI-I
10. USB 3.0 x 2
11. Power connector

Note1. User is advised to connect cameras and DIGIEVER NVR with gigabit switch

Note2. Video Wall Decoder supports dewarping display image of ACTi, AXIS, VIVOTEK and ImmerVision Panomorphlens cameras.
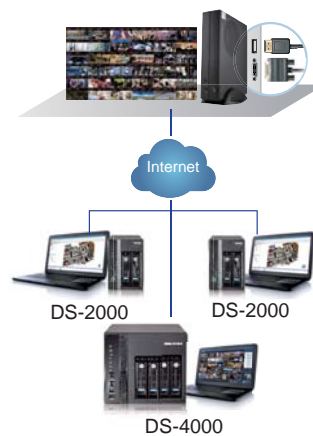
Various Applications

Cost-efficiency Secondary Control Room Solution

Main Control Room

Intranet Internet

Secondary Control Room

Build Video Wall via Multiple Decoders

Camera 9-16   Camera 1-8   Camera 17-36

Local display Solution with Diverse DIGIEVER NVRs

Internet

DS-2000   DS-2000

DS-4000

Easy to Add Cameras Directly

Internet

Authorized Dealer:

www.**digiever**.com