DHI-NVD0200FX-A01

Dahua 2CH UHD NETWORK VIDEO DECODER



Scene

Ideal for use in monitoring centers, supermarkets, exhibition halls, security rooms and fire control rooms.

Technical Specification

System

Main Processor	High-performance embedded processor
Operating System	Embedded Linux

Function

Number of Video Output Channels	2 × HDMI
Interoperability	ONVIF; General; Dahua Private; Hikvision Private
Video Compression	H.265;H.264
Audio Compression	PCM
Decoding Capability	Decodes maximum 2-ch 8MP@25 fps videos, 3-ch 6MP@25 fps videos, 5-ch 5MP@25 fps videos, 5-ch 4MP@25 fps videos, 7-ch 3MP@25 fps videos, 10-ch 1080p@30 fps videos and 32-ch D1@30 fps at the same time.
Decoding Pixel	QCIF; CIF; 2CIF; HD1; D1; 720p; 1080p; 3 MP; 4 MP; 5 MP; 6 MP; 8 MP
Output Resolution	1024 × 768@60 Hz, 1280 × 720@60 Hz, 1280 × 1024@60 Hz, and 1920 × 1080@60 Hz. It is 1920 × 1080 by default.
Bit Rate Type	Composite stream; video stream
Multi-screen Display	1/4/6/8/9/16/25 split. Supports M × N custom split, and M × N ≤ 36
Screen Splicing	Up to 20 screens can be spliced together.
Window & Roam	Supports customized windowing and roaming. Up to 25 channels with windowing.

- Decoding Capability
- Supports H.264 and H.265 standard network video stream decoding.
- Video decoding: QCIF, CIF, 2CIF, HD1, D1, 720p, 1080p, 3MP, 5MP, 6MP and 8MP.
- Decodes maximum 2-ch 8MP@25 fps videos, 3-ch 6MP@25 fps videos, 5-ch 5MP@25 fps videos, 5-ch 4MP@25 fps videos, 7-ch 3MP@25 fps videos, 10-ch 1080p@30 fps videos and 32-ch D1@30 fps at the same time.
- Output Capability
- 2-ch HDMI signal output ports.
- HDMI output port supports 1920 × 1080@60, 1280 × 1024@60, 1280 × 720@60 and 1024 × 768@60.
- HDMI output port supports custom resolution output below 1920 × 1080 @60.
- 1-ch 3.5 mm port and 2-ch HDMI ports for audio output.
- Supports PCM for audio compression.
- Features
- Splits to 1, 4, 6, 8, 9, 16, 25 and 36 windows, and supports M × N custom split.
- Supports customized windowing and roaming. Up to 25 channels with windowing.
- Displays HD background images, and supports configuring the default background color for the video wall.
- Scheme tour.
- Splits and synchronizes screens within milliseconds.
- Displays customized OSD text, such as the location and font size.
- Access Capability
- ONVIF, RTSP, Hikvision and Dahua private protocols.
- Platform Compatibility
- Compatible with SmartPSS Lite.

Scheme Tour	Supports saving schemes, scheme tour, scheduled scheme, and customizing tour intervals.
Fine Pixel Pitch LED	Supports customized resolutions and connecting to small-pitch LEDs.
Background Image Color	Displays HD background images, and supports configuring the default background color for the video wall.
Virtual LED	Displays customized OSD text, such as the location and font size.

Port

Video Output	2 × HDMI
Audio Output	2 × HDMI, 1 × 3.5 mm
Network Port	1 × RJ–45 10 M/100 M/1000 M self-adaptive Ethernet port

RS-232	1 × RJ-45
USB	3 × USB

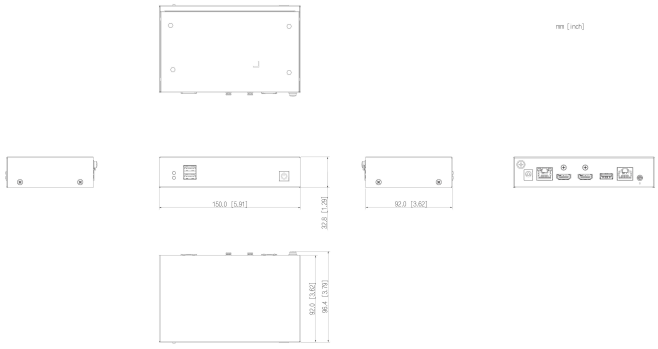
General

Power Supply	100–240 VAC, 50;60 Hz
Power Consumption	≤24 W
Operating Temperature	–10 °C to +55 °C (+14 °F to +131 °F)
Operating Humidity	10%–95% (RH), non-condensing (86 kPa–106 kPa)
Product Dimensions	150.0 mm × 92.0 mm × 32.8 mm (5.91” × 3.62" × 1.29”) (L × W × H)
Packaging Dimensions	297.0 mm × 163.0 mm × 71.0 mm (11.69” × 6.42" × 2.80”) (L × W × H)
Gross Weight	0.5 kg (1.10 lb)
Net Weight	0.3 kg (0.66 lb)

Ordering Information

Type	Part Number	Description
Decoding Splicing Unit	DHI-NVD0200FX-A01	Dahua 2CH UHD NETWORK VIDEO DECODER

Dimensions (mm[inch])



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