

# KX-F02NVD-FHD

## 2CH UHD NETWORK VIDEO DECODER



- 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, KBVISION and Dahua private protocols.
- Platform Compatibility
- Compatible with KBIVMS Pro

### 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.  |

|                        |  |
|------------------------|--|
| 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  |

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|        |           |
|--------|-----------|
| 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")<br>(L × W × H)   |
| Packaging Dimensions  | 297.0 mm × 163.0 mm × 71.0 mm (11.69" × 6.42" × 2.80")<br>(L × W × H) |
| Gross Weight          | 0.5 kg (1.10 lb)  |
| Net Weight            | 0.3 kg (0.66 lb)  |

### Dimensions (mm[inch])

