

DS-6400HDI-T Series Decoder

Introduction

Designed for the high-definition video monitoring system, DS-6400HDI-T Series HD Video/Audio Decoder is developed on the basis of TI platform, Linux operating system and Netra processor, ensuring high reliability and stability of system running.

DS-6400HDI-T Series HD Video/Audio Decoder is capable of decoding video at 8MP resolution and outputting decoded video via BNC, VGA, DVI or HDMI interfaces, and it also supports multiple network protocols and multiple stream transmission mode. The decoded video can be displayed on video wall or large screen.

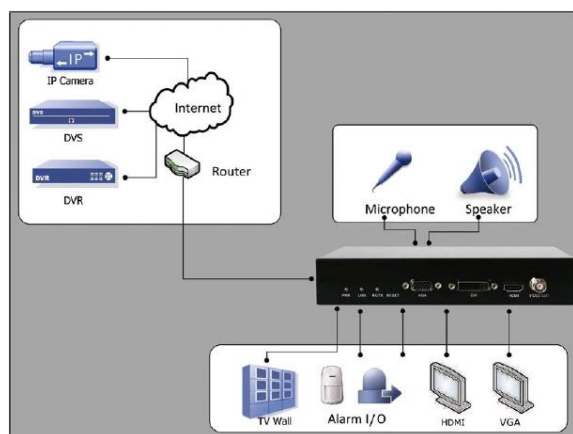
Available Models

DS-6401HDI-T, DS-6404HDI-T, DS-6408HDI-T, DS-6410HDI-T, DS-6412HDI-T, DS-6416HDI-T

Main Features

- Private H.264, standard H.264, MPEG2 and MPEG4 video stream formats are supported.
- High-definition video output via DVI/VGA/HDMI connector and standard-definition video output via BNC connector.
- Decode video stream at resolution of 8MP, 5MP, 3MP, 1080P, 720P, SVGA, VGA, 4CIF, DCIF, 2CIF, CIF and QCIF.
- Support of getting stream and decoding by channel zero, stream ID, HiDDNS and VGA/DVI local channel (supported by DS-6410/6412/6416HDI-T only).
- Support the VCA decoding and upload VCA alarm picture.
- Support of getting stream and decoding by URL method.
- Window jointing for video wall display.
- One 10/100/1000Mbps self-adaptive Ethernet interface.
- Support TCP, UDP and Multicast network protocols.
- Multiple DDNS settings: Peanut Hull, Dyndns, IPServer, NO-IP and HiDDNS.

Typical Connections



Physical Interfaces

DS-6408HDI-T

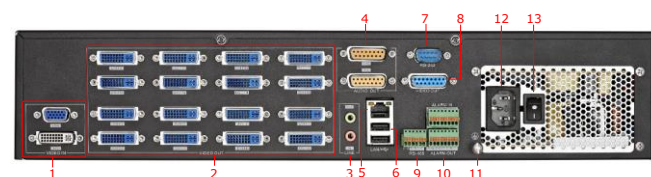


- ① VGA Video Output
- ② HDMI Video Output
- ③ Video Output (DB15 connector)

Note: The DB15-to-BNC adapter is needed for connection to video output device.

- ④ LINE IN/OUT
- ⑤ AUDIO OUT (DB15 connector)
- ⑥ LAN, 10/100/1000 Mbps Ethernet interface
- ⑦ RS-485 serial interface
- ⑧ ALARM IN/ALARM OUT(4 inputs/4 outputs)
- ⑨ RS-232 serial interface
- ⑩ GND
- ⑪ Power supply
- ⑫ Power switch

DS-6416HDI-T



- ① VGA Video Input, DVI-I Video Input
 - ② DVI-I Video Output
 - ③ LINE IN/OUT
 - ④ AUDIO OUT (DB15 connector)
 - ⑤ LAN, 10/100/1000 Mbps Ethernet interface
 - ⑥ USB Interface (reserved)
 - ⑦ RS-232 serial interface
 - ⑧ Video Output (DB15 connector)
- Note:** The DB15-to-BNC adapter is needed for connection to video output device.
- ⑨ RS-485 serial interface
 - ⑩ ALARM IN/ALARM OUT(4 inputs/4 outputs)
 - ⑪ GND
 - ⑫ Power supply
 - ⑬ Power switch

Specifications

Model		DS-6401HDI-T	DS-6404HDI-T	DS-6408HDI-T
Audio/ Video Output		1-ch	4-ch	8-ch
	VGA Output	1920×1080@60Hz, 1600×1200@60Hz, 1280×1024@60Hz, 1280×720@50/60Hz, 1024×768@60Hz		
		1-ch	4-ch	8-ch
	HDMI Output	1920×1080@60/50HZ, 1600×1200@60Hz, 1280×1024@60Hz, 1280×720@50/60Hz, 1024×768@60Hz		
	CVBS Output (without audio)	1-ch	2-ch	4-ch
	Audio Output	1-ch, RCA connector	4-ch, DB15 connector	8-ch, DB15 connector
Audio/ Video Decoding	Video Stream Format Supported	H.264 /MPEG4/MPEG2/Private		
	Audio Stream Format Supported	G.722/G.711A/G.711U/MPEG2-L2/AAC		
	Decoding Capability	8MP: 1-ch 5MP: 2-ch; 1080P: 4-ch; 720P: 8-ch; 4CIF: 16-ch	8MP: 2-ch 5MP: 4-ch; 1080P: 8-ch; 720P: 16-ch; 4CIF: 32-ch	8MP: 4-ch 5MP: 8-ch; 1080P: 16-ch; 720P: 32-ch; 4CIF: 64-ch
	Multi-division Display	1/4/6/8/9/12/16	1/4/6/8/9/12/16	1/4/6/8/9/12/16
	Screen Jointing Mode	—	1×2, 1×3, 1×4, 2×1, 2×2	1×2, 1×3, 1×4, 2×1, 2×2, 2×3, 3×2, 2×4, 4×2
VCA Decoding	Decoding Capability	5MP: 1-ch; 1080P: 2-ch; 720P: 4-ch; 4CIF: 8-ch	5MP: 2-ch; 1080P: 4-ch; 720P: 8-ch; 4CIF: 16-ch	5MP:4-ch; 1080P: 8-ch; 720P: 16-ch; 4CIF:32-ch
	VCA Channel	2-ch	4-ch	8-ch
External Interface	Network Interface	1; 10/100/1000 Mbps self-adaptive Ethernet interface		
	Serial Interface	1 RS-232 (DB9), 1 RS-485		
	Two-way Audio In	1-ch, 3.5 mm connector (2.0 Vp-p, 1 kΩ)		
	Two-way Audio Out	1-ch, 3.5 mm connector (2.0 Vp-p, 1 kΩ)		
	Alarm In	4		
	Alarm Out	4		
General	Power Supply	12 VDC	100~240VAC	100~240VAC
	Power Consumption	≤15W	≤70W	≤70W
	Working Temperature	-10℃ ~ 55℃		
	Working Humidity	10% ~ 90%		
	Dimensions (W×D×H)	220×180×45 mm	440×340×70 mm	440×340×70 mm
	Weight	≤1.2 kg	≤5.2 kg	≤5.2 kg

Model		DS-6410HDI-T	DS-6412HDI-T	DS-6416HDI-T
Audio/ Video Output	DVI Output	10-ch	12-ch	16-ch
		1920×1080@60/50Hz, 1600×1200@60Hz, 1280×1024@60Hz, 1280×720@50/60Hz, 1024×768@60Hz		
	CVBS Output (without audio)	5-ch	6-ch	8-ch
		DB15 connector (used with the DB15-to-BNC adapter)		
	Video Input	1-ch, VGA connector; 1-ch, DVI-I connector 1920×1080@60/50Hz, 1600×1200@60Hz, 1280×1024@60Hz, 1280×720@50/60Hz, 1024×768@60Hz, 1280×800@60Hz, 1680×1050@60Hz		
	Audio Output	16-ch, DB15 connector		
Audio/ Video Decoding	Video Stream Format Supported	H.264 /MPEG4/MPEG2/Private		
	Audio Stream Format Supported	G.722/G.711A/G.711U/MPEG2-L2/AAC		
	Decoding Capability	8MP: 5-ch 5MP: 10-ch; 1080P: 20-ch; 720P: 40-ch; 4CIF: 80-ch	8MP: 6-ch 5MP: 12-ch; 1080P: 24-ch; 720P: 48-ch; 4CIF: 90-ch	8MP: 8-ch 5MP: 16-ch; 1080P: 32-ch; 720P: 64-ch; 4CIF: 100-ch
	Multi-division Display	1/4/6/8/9/12/16	1/4/6/8/9/12/16	1/4/6/8/9/12/16
	Screen Jointing Mode	1×2, 1×3, 1×4, 2×1, 2×2, 2×3, 2×4, 2×5, 3×2, 3×3, 4×2, 5×2	1×2, 1×3, 1×4, 2×1, 2×2, 2×3, 2×4, 2×5, 3×2, 3×3, 4×2, 5×2, 3×4, 4×3	1×2, 1×3, 1×4, 2×1, 2×2, 2×3, 2×4, 2×5, 3×2, 3×3, 4×2, 5×2, 3×4, 4×3, 5×3, 3×5, 4×4
VCA Decoding	Decoding Capability	5MP: 5-ch; 1080P: 10-ch; 720P: 20-ch; 4CIF: 40-ch	5MP: 6-ch; 1080P: 12-ch; 720P: 24-ch; 4CIF: 48-ch	5MP: 8-ch; 1080P: 16-ch; 720P: 32-ch; 4CIF: 64-ch
	VCA Channel	10-ch	12-ch	16-ch
External Interface	Network Interface	1; 10/100/1000 Mbps self-adaptive Ethernet interface		
	Serial Interface	1 RS-232 (DB9), 1 RS-485		
	USB Interface (reserved)	2, USB 2.0		
	Two-way Audio In	1-ch, 3.5 mm connector (2.0 Vp-p, 1 kΩ)		
	Two-way Audio Out	1-ch, 3.5 mm connector (2.0 Vp-p, 1 kΩ)		
	Alarm In	4		
	Alarm Out	4		
General	Power Supply	100~240VAC		
	Power Consumption	≤108W		
	Working Temperature	-10℃ ~ 55℃		
	Working Humidity	10% ~ 90%		
	Dimensions (W×D×H)	440×340×88 mm		
	Weight	≤6.4 kg		