

## DS-6400HDI-T Series Decoder

### Available Models

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

### Main Features

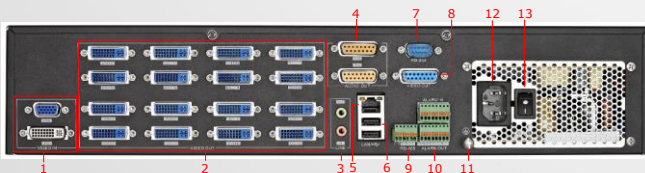
- Supports private H.264, standard H.264, MJPEG, MPEG2 and MPEG4 video stream formats
- High-definition video output via DVI/VGA/HDMI interface and standard-definition video output via BNC interface
- Decode video stream at resolution of 8MP, 5MP, 3MP, 1080p, 720p, SVGA, VGA, 4CIF, DCIF, 2CIF, CIF and QCIF
- Supports of getting stream and decoding by channel zero, HiDDNS and VGA/DVI local channel (not supported by DS-6401HDI-T)
- VCA decoding
- Window Spanning, roaming, and windowing
- One 10/100/1000Mbps self-adaptive Ethernet interface
- Supports TCP, UDP and Multicast network protocols
- Multiple DDNS settings: Peanut Hull, DynDNS, IPSever, NO-IP and HiDDNS



Index	Description
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)
<b>Note:</b> The DB15-to-BNC adapter is needed for connecting to video output device	
9	RS-485 serial interface
10	ALARM IN/ALARM OUT (4 inputs/4 outputs)
11	GND

### Physical Interface

DS-6416HDI-T



# DS-6400HDI-T Series Decoder



## Specifications

Model		DS-6401HDI-T
Audio/ Video Output	VGA Output	1-ch 1920 × 1080 @ 50/60Hz, 1600 × 1200 @ 60Hz, 1280 × 1024 @ 60Hz, 1280 × 720 @ 50/60Hz, 1024 × 768 @ 60Hz
	HDMI Output	1-ch 1920 × 1080 @ 50/60HZ, 1600 × 1200 @ 60Hz, 1280 × 1024 @ 60Hz, 1280 × 720 @ 50/60Hz, 1024 × 768 @ 60Hz
	CVBS Output (without audio)	1-ch
	Audio Output	1-ch, RCA connector
	Video Stream Format Supported	H.264/MJPEG /MPEG4/MPEG2/Private
Audio/ Video Decoding	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
	Split Screen	1/4/9/16
	Fluent Decoding	Decoding Capability
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 k Ω)
	Two-Way Audio Out	1-ch, 3.5 mm connector (2.0 Vp-p, 1 k Ω)
	Alarm In	4
	Alarm Out	4
General	Power Supply	12 VDC
	Power Consumption	≤ 15 W
	Working Temperature	-10° C to 55° C (14° F to 131° F)
	Working Humidity	10% to 90%
	Dimensions (W×D×H)	220 × 180 × 45 mm (8.66" × 7.09" × 1.77")
	Weight	≤1.2 kg (2.65 lb)

## DS-6400HDI-T Series Decoder



### Specifications

Model		DS-6404HDI-T	DS-6408HDI-T
Audio/ Video Input/output	DVI Output	4-ch	8-ch
		1920 × 1080 @ 60/50Hz, 1600 × 1200 @ 60Hz, 1280 × 1024 @ 60Hz, 1280 × 720 @ 50/60Hz, 1024 × 768 @ 60Hz	
	CVBS Output (without audio)	2-ch	4-ch
		DB15 connector (used with the DB15-to-BNC adapter)	
	Video Input	1-ch, VGA connector; 1-ch, DVI-I connector XGA @ 60Hz, 720p @ 60Hz, 720p @ 50Hz, UXGA @ 60Hz, SXGA @ 60Hz, 1080p @ 50Hz, 1080p @ 60Hz, 1080i @ 50Hz, 1080i @ 60Hz, WXGA @ 60Hz, WSXGA+ @ 60Hz	
Audio Output	4-ch, DB15 connector	8-ch, DB15 connector	
Audio/ Video Decoding	Video Stream Format	H.264 /MJPEG/MPEG4/MPEG2/Private	
	Audio Stream Format	G.722/G.711A/G.711U/MPEG2-L2/AAC	
	Decoding Capability	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
	Split Screen	1/4/9/16	
	Screen Spanning 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
Fluent Decoding	Decoding Capability	1/4 decoding capability contrast to the normal mode	
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 to 240 VAC	
	Power Consumption	≤ 108 W	
	Working Temperature	-10° C to 55° C (14° F to 131° F)	
	Working Humidity	10% to 90%	
	Dimensions (W×D×H)	440 × 340 × 70 mm (17.32" × 13.39" × 2.76")	
	Weight	≤ 5.2 kg (11.46 lb)	

## DS-6400HDI-T Series Decoder



### Specifications

Model		DS-6410HDI-T	DS-6412HDI-T	DS-6416HDI-T
Audio/ Video Output	DVI Output	10-ch	12-ch	16-ch
	CVBS Output (without audio)	1920 × 1080 @ 60/50Hz, 1600 × 1200 @ 60Hz, 1280 × 1024 @ 60Hz, 1280 × 720 @ 50/60Hz, 1024 × 768 @ 60Hz		
	Video Input	5-ch	6-ch	8-ch
	Audio Output	DB15 connector (used with the DB15-to-BNC adapter)		
	Video Input	1-ch, VGA connector; 1-ch, DVI-I connector XGA@60Hz, 720P@60Hz, 720P@50Hz, UXGA@60Hz, SXGA@60Hz, 1080P@50Hz, 1080P@60Hz, 1080I@50Hz, 1080I@60Hz, WXGA@60Hz, WSXGA+@60Hz		
Audio/ Video Decoding	Audio Output	16-ch, DB15 connector		
	Video Stream Format	H.264 /MPEG4/MPEG2/Private		
	Audio Stream Format	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
	Split Screen	1/4/9/16		1/4/9/16
	Screen Spanning 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
	Fluent Decoding	Decoding Capability	1/4 decoding capability contrast to the normal mode	
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 to 240 VAC		
	Power Consumption	≤ 108 W		
	Working Temperature	-10° C to 55° C (14° F to 131° F)		
	Working Humidity	10% to 90%		
	Dimensions (W×D×H)	440 × 340 × 88 mm (17.32" × 13.86" × 3.46")		
	Weight	≤ 6.4 kg (14.12 lb)		