

## DS-6400HDI-T Series Decoder



### Features and Functions

#### Professional and Reliable

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



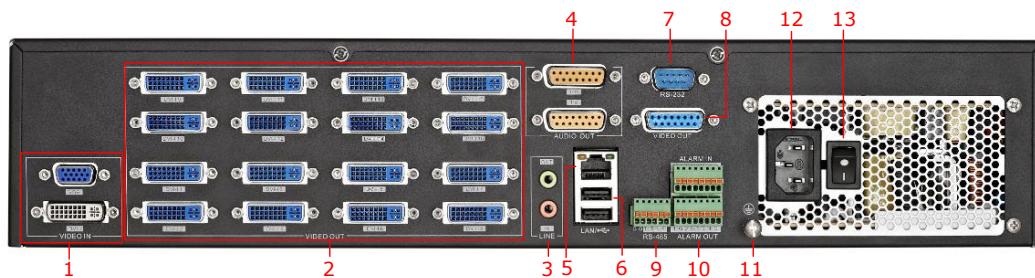
## Specifications

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
Audio/ Video Decoding	CVBS Output (without audio)		1-ch
	Audio Output		1-ch, RCA connector
	Video Stream Format Supported		H.264/MJPEG /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
Fluent Decoding	Split Screen		1/4/9/16
	Decoding Capability		1/4 decoding capability contrast to the normal mode
	Network Interface		1; 10/100/1000 Mbps self-adaptive Ethernet interface
External 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-ch
	Alarm Out		4-ch
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)

Model		DS-6404HDI-T	DS-6408HDI-T
Audio/ Video Output	VGA Output	4-ch 1920 × 1080@60/50Hz, 1600 × 1200@60Hz, 1280 × 1024@60Hz, 1280 × 720@50/60Hz, 1024 × 768@60Hz	8-ch
	CVBS Output (without audio)	2-ch DB15 connector (used with the DB15-to-BNC adapter)	4-ch
	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
	Video Stream Format	H.264/MJPEG/MPEG4/MPEG2/Private	
Audio/Video Decoding	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	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
	Decoding Capability	1/4 decoding capability contrast to the normal mode	
Fluent Decoding	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)	
external interface	Alarm In	4	
	Alarm Out	4	
	Power Supply	100 to 240 VAC	
	Power Consumption	≤ 108 W	
	Working Temperature	-10° C to 55° C (14° F to 131° F)	
General	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)	

Model		DS-6410HDI-T	DS-6412HDI-T	DS-6416HDI-T
Audio/ Video Output	DVI Output	10-ch 1920 × 1080@60/50Hz, 1600 × 1200@60Hz, 1280 × 1024@60Hz, 1280 × 720@50/60Hz, 1024 × 768@60Hz	12-ch	16-ch
	CVBS Output (without audio)	5-ch DB15 connector (used with the DB15-to-BNC adapter)	6-ch	8-ch
	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	16-ch, DB15 connector		
	Audio Stream Format	G.722/G.711A/G.711U/MPEG2-L2/AAC		
	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
Audio/Video Decoding	Split Screen	1/4/9/16	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		
	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		
External interface	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	≤6.4 kg (14.12 lb)		

## Physical Interfaces



Index	Description	Index	Description
1	VGA video input, DVI-I video input	9	RS-232 serial interface
2	DVI-I video output	10	Video output (DB15 connector) The DB15-to-BNC adapter is needed for connecting to video output device
3	Line in/out	11	RS-485 serial interface
4	Audio out (DB15 connector)	12	Alarm in/Alarm out (4 inputs/4 outputs)
5	LAN, 10/100/1000 Mbps Ethernet interface	13	GND
6	USB Interface (reserved)	14	

## Available Models

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

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