

T72xxUxTAX(B) Series

5 MP TurboHD Kits

Cameras

- 5 MP High Performance CMOS
- Up to 2560 x 1944 Resolution
- 2.8 mm Fixed Lens
- EXIR 2.0 with up to 65 ft (20 m) IR Range
- Digital WDR, 3D DNR, BLC
- IP67 Protection

DVR

- Up to 5 MP Resolution Recording
- 4- or 8-ch 6 MP IP Cameras Input (8- or 16-ch if Analog Channels Are Disabled)
- H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264
- 4-, 8-, or 16-ch Synchronous Playback
- 1 or 2 SATA Interfaces (10 TB Capacity per HDD)
- Deep Learning-Based Motion Detection 2.0 for All Analog Channels
- Deep Learning-Based Perimeter Protection

Hikvision T72xxUxTAX(B) Series 5 MP kits are cost-effective solutions for value-oriented users.

Each kit is supplied with four, six, or twelve network cameras with 5 MP image sensors and a 4-, 8-, or 16-channel DVR in the same box.

Kit DVRs are pre-installed with a 1, 2, or 4 TB HDD.

Available models:

T7204U1TA4(B)

(1) iDS-7204HUHI-M1/S DVR with 1 TB HDD +
(4) TurboHD DS-2CE76H0T-ITMF Cameras

T7208U2TA6(B)

(1) iDS-7208HUHI-M1/S DVR with 2 TB HDD +
(6) TurboHD DS-2CE76H0T-ITMF Cameras

T7216U4TA12(B)

(1) iDS-7216HUHI-M2/S DVR with 4 TB HDD +
(12) TurboHD DS-2CE76H0T-ITMF Cameras

T7204U2TA4(B)

(4) 5 MP TurboHD Cameras • (1) 4-Channel DVR w/1 TB HDD



T7208U2TA6(B)

(6) 5 MP TurboHD Cameras • (1) 8-Channel DVR w/2 TB HDD



T7216U4TA12(B)

(12) 5 MP TurboHD Cameras • (1) 16-Channel DVR w/4 TB HDD



Specifications

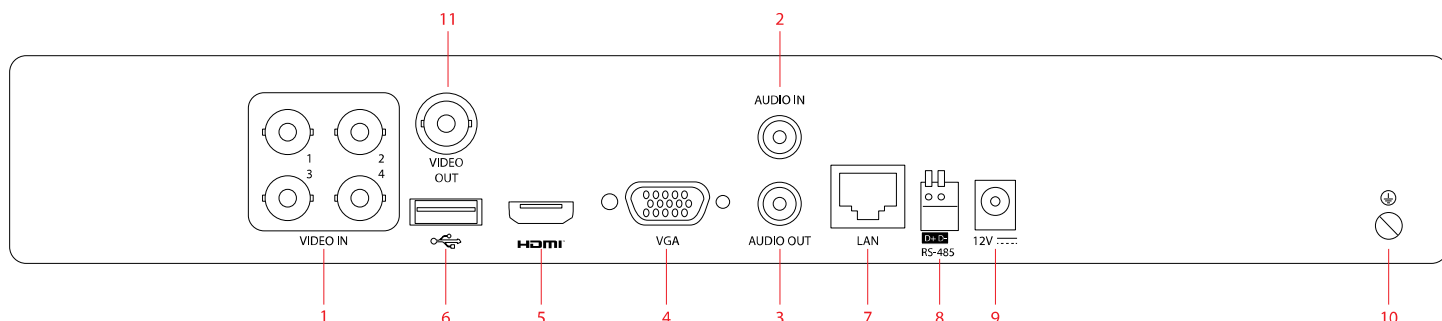
T7204U1TA4(B)		T7208U2TA6(B)		T7216BU4TA12(B)	
CAMERA					
Camera Specs					
Camera Model	DS-2CE76H0T-ITMF				
Camera Type	Turret				
Number of Cameras	4	6	12		
Image Sensor	5 MP progressive scan CMOS				
Resolution	2560 (H) × 1944 (V)				
Minimum Illumination	Color: 0.01 lux @ (f/1.2, AGC on), 0 lux with IR				
Shutter Speed	1/30 s to 1/50,000 s				
Lens	2.8 mm fixed lens				
Horizontal Field of View	85.5°				
Lens Mount	M12				
Day/Night	IR cut filter				
Angle Adjustment	Pan: 0° to 360°; tilt: 0° to 75°; rotate: 0° to 360°				
Synchronization	Internal synchronization				
Frame Rate	5 MP @ 20 fps, 4 MP @ 30 fps, 1080p @ 30 fps				
Menu					
AGC	Supported				
Day/Night Mode	Auto/color/BW (black and white)				
White Balance	ATW/MWB				
BLC	Supported				
DWDR	Supported				
Language	English				
Functions	Brightness, sharpness, DNR, mirror, smart IR				
Interface					
TVI Video Output	1 HD analog output				
Switch Button	TVI/AHD/CVI/CVBS				
General					
Operating Conditions	-40° to 140° F (-40° to 60° C), humidity: 90% or less (non-condensing)				
Power Supply	12 VDC ±25%				
Power Consumption	Maximum 4.3 W				
Protection Level	IP67				
Material	Metal				
IR Range	Up to 65 ft (20 m)				
Communication	Up-the-Coax, protocol: HIKVISION-C (HD-TVI output)				
Dimensions	3.58" x 3.25" x 2.69" (91 mm x 82.6 mm x 68.3 mm)				
Weight	Approximately 0.77 lbs (350 g)				
DVR					
DVR Specs					
DVR Model	iDS-7204HUHI-M1/S		iDS-7208HUHI-M1/S		iDS-7216HUHI-M2/S
HDD	1 TB		2 TB		4 TB
Third-Party Cloud Storage	Supported				
Recording					
Video Compression	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264				
Encoding Resolution	8 MP Lite mode enabled: 8 MP/5 MP/4 MP/3 MP/1080p/720p/WD1/4CIF/VGA/CIF 8 MP Lite mode not enabled: 8 MP Lite/3 MP/1080p/720p/WD1/4CIF/VGA/CIF				Main stream: 8 MP @ 8 fps/5 MP @ 12 fps/3K @ 12 fps/4 MP @ 15 fps/3 MP @ 18 fps 1080p/720p/WD1/4CIF/VGA/CIF @ 25 fps (P)/30 fps (N) Sub-stream: WD1/4CIF/CIF @ 25 fps (P)/30 fps (N)
Main Stream Frame Rate	8 MP Lite mode not enabled	8 MP @ 8 fps/5 MP @ 12 fps/4 MP @ 15 fps/3 MP @ 18 fps; 1080p/720p/WD1/4CIF/VGA/CIF @ 25 fps (P)/30 fps (N) NOTE: 8 MP @ 8 fps is available only for channel 1 of DS-7204HUI-K1			
	8 MP Lite mode enabled	8 MP Lite/3 MP/1080p/720p/WD1/4CIF/VGA/CIF @ 15 fps			
Sub-Stream Frame Rate	WD1/4CIF/CIF @ 25 fps (P)/30 fps (N)				
Video Bit Rate	32 Kbps to 10 Mbps				
Dual Stream	Supported				
Stream Type	Video, Video & Audio				
Audio Compression	G.711u				
Audio Bit Rate	64 Kbps				
Video and Audio					
IP Video Input	4-ch (up to 8-ch)	8-ch (up to 16-ch)	Enhanced IP Mode Off: 8-ch (up to 24-ch) Enhanced IP Mode On: 16-ch (up to 32-ch), each up to 4 Mbps NOTE: Enhanced IP mode might be conflict with smart events (motion detection 2.0 and perimeter protection) or other functions, see the user manual for details.		
Analog Video Input	Up to 8 MP resolution Supports H.265+/H.265/H.264+/H.264 IP cameras				
BNC Interface	4-ch	8-ch	16-ch		
	[1.0 Vp-p, 75 Ω], supports Hikvision-C connection				

Specifications (continued)

	T7204U1TA4(B)	T7208U2TA6(B)	T7216U4TA12(B)
DVR (continued)			
Video and Audio (continued)			
HD-TVI Input	8 MP, 5 MP, 4 MP, 3 MP, 1080p @ 30 fps, 1080p @ 25 fps, 720p @ 60 fps, 720p @ 50 fps, 720p @ 30 fps, 720p @ 25 fps		
AHD Input	AHD Input 5 MP, 4 MP, 1080p @ 25 fps, 1080p @ 30 fps, 720p @ 25 fps, 720p @ 30 fps		
HD-CVI Input	5 MP, 4 MP, 1080p @ 25 fps, 1080p @ 30 fps, 720p @ 25 fps, 720p @ 30 fps		5 MP @ 20 fps, 4 MP @ 25 fps, 4 MP @ 30 fps, 1080p @ 25 fps, 1080p @ 30 fps, 720p @ 25 fps, 720p @ 30 fps
CVBS Input	PAL/NTSC		
CVBS Output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: NTSC: 704 × 480		
VGA Output	1-ch, 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz		
HDMI Output	1-ch, 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz	1-ch, 4K (3840 × 2160)/30 Hz, 2K (2560 × 1440)/60 Hz, 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz	8 MP @ 15 fps, 5 MP @ 20 fps, 3K @ 20 fps, 4 MP @ 30 fps, 4 MP @ 25 fps, 3 MP @ 18 fps, 1080p @ 30 fps, 1080p @ 25 fps, 720p @ 60 fps, 720p @ 50 fps, 720p @ 30 fps, 720p @ 25 fps
Video Output Mode	HDMI/VGA simultaneous output		
Audio Input	4-ch, RCA (2.0 Vp-p, 1K Ω)		1-ch (up to 16-ch is optional), RCA (2.0 Vp-p, 1K Ω)
Audio Output	1-ch, RCA (Linear, 1K Ω)		
Two-Way Audio	1-ch, RCA (2.0 Vp-p, 1K Ω) (using the first audio input)		
Synchronous Playback	4-ch	8-ch	16-ch
Smart Functions	Smart search, Deep Learning-based motion detection and perimeter protection (line crossing and intrusion detection)		
VCA Events	Supports multiple VCA (Video Content Analytics) events for both analog and smart IP cameras		
Motion Detection			
Human/Vehicle Analysis	Deep learning-based motion detection 2.0 is enabled by default for all analog channels, it can classify humans and vehicles, and greatly reduces false alarms caused by objects such as leaves and lights; quick search by object or event type NOTE: Motion detection 2.0 and perimeter protection cannot be enabled at the same time. Enabling one function will cause the other one to be unavailable.		
Perimeter Protection			
Human/Vehicle Analysis	Up to 4-ch NOTE: Motion detection 2.0 and perimeter protection cannot be enabled at the same time. Enabling one function will cause the other one to be unavailable.		
Network			
Remote Connection	32	64	128
Network Protocol	TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF		
Network Interface	1, RJ-45 10M/100M self-adaptive Ethernet interface	1, RJ-45 10M/100M/1000M self-adaptive Ethernet interface	
Wi-Fi	Connects to Wi-Fi via Wi-Fi dongle through USB interface; compatible with major third-party Wi-Fi dongles		
Auxiliary Interface			
SATA	1 SATA interface		2 SATA interfaces
Capacity	Up to 10 TB capacity for each disk		
Serial Interface	RS-485 (half-duplex)		
USB Interface	2 × USB 2.0	Front panel: 1 × USB 2.0 Rear panel: 1 × USB 3.0	
Alarm I/O	4/1	8/4	16/4
General			
Power Supply	12 VDC		12 VDC, 5 A
Consumption (without HDD)	≤10 W	≤20 W	19 W
Working Temperature	+14° to +131° F (-10° to +55°C)		
Working Humidity	10% to 90% non-condensing		
Dimensions (W × D × H)	12.4" × 9.5" × 1.8" (315 mm × 242 mm × 45 mm)		15.0" × 12.6" × 1.9" (380 mm × 320 mm × 48 mm)
Weight (without HDD)	≤2.6 lb (≤1.16 kg)	≤4.4 lb (≤2 kg)	≤4.6 lb (≤2.1 kg)

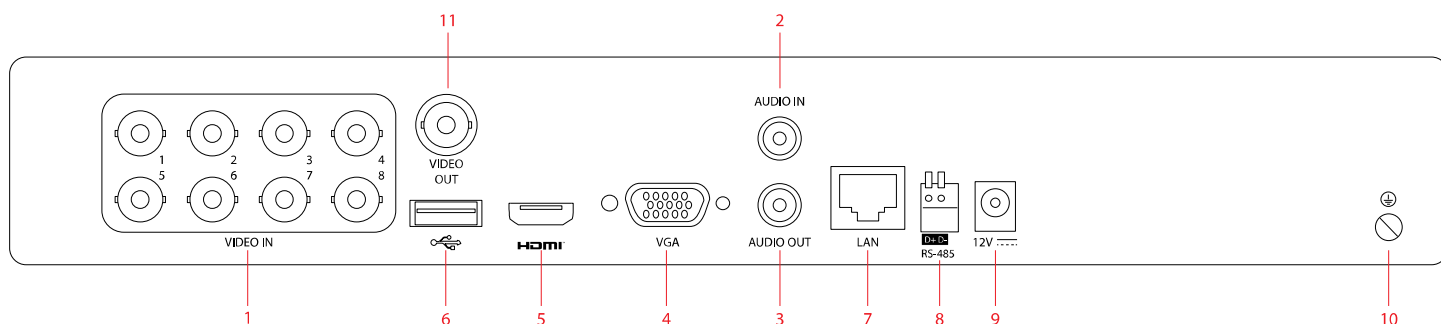
DVR Rear Panels

iDS-7204HUHI-M1/S DVR Rear Panel

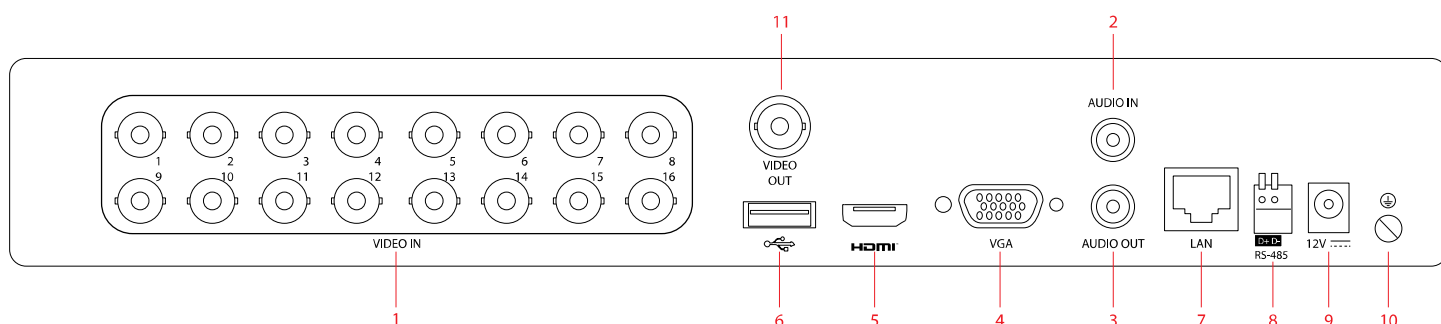


DVR Rear Panels (continued)

iDS-7208HUHI-M1/S DVR Rear Panel



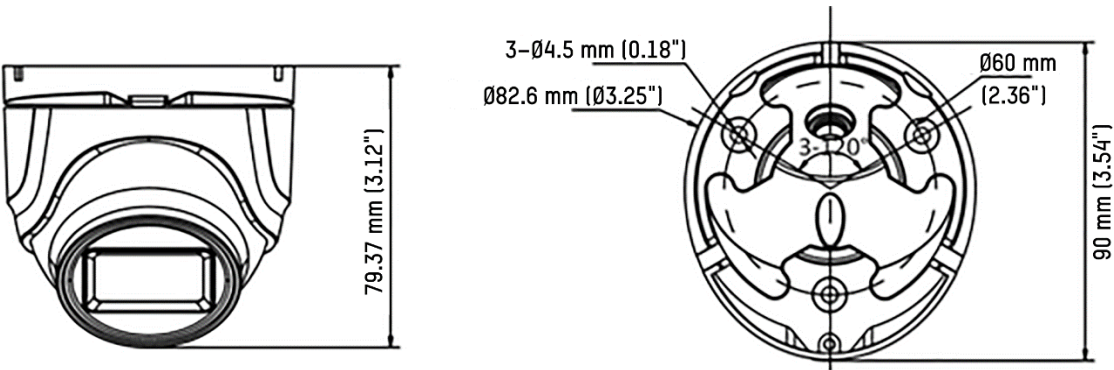
iDS-7216HUHI-M2/S DVR Rear Panel



No.	Item	Description
1	Analog Camera Inputs	BNC connectors for analog input
2	Audio In	RCA connectors
3	Audio Out	RCA connectors
4	VGA	DB-15 connector for VGA output, displays local video output and menu
5	HDMI	HDMI video output connector
6	USB Interface	Universal Serial Bus port for additional devices
7	LAN	Network connector
8	RS-485	Connector for RS-485 devices: T+ and T- pins connect to R+ and R- pins of PTZ receiver respectively Connect D+, D- pins to controller's Ta, Tb pins (for cascading devices, connect first DVR's D+, D- pins to next DVR's D+, D- pins)
9	Power Input	Input: 100 to 240 VAC, Output: 12 VDC
10	Ground	Grounding screw
11	Video Out	BNC connector for CVBS signal out

Camera Dimensions

DS-2CE76H0T-ITMF Camera



Unit: mm (inch)

Accessories

NOT INCLUDED						
						
WMS Wall Mount Short	PC110T 110 mm Pendant Cap	PM Pole Mount	CM Corner Mount	CBXS Conduit Base	CPM Ceiling Pendant Mount	CPME Ceiling Pendant Mount Extendable Pole

	
SRS Sun/Rain Shade	SRSM Sun/Rain Shade Medium

Box Contents (Subject to Change without Notice)

- Power Pigtail with Power Leads
- Quick Start Guide
- Screws
- Mouse
- Power Supply