

## 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



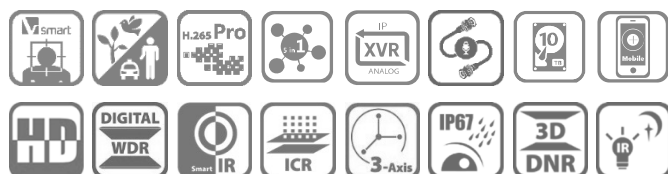
#### T7208U2TA6(B)

(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

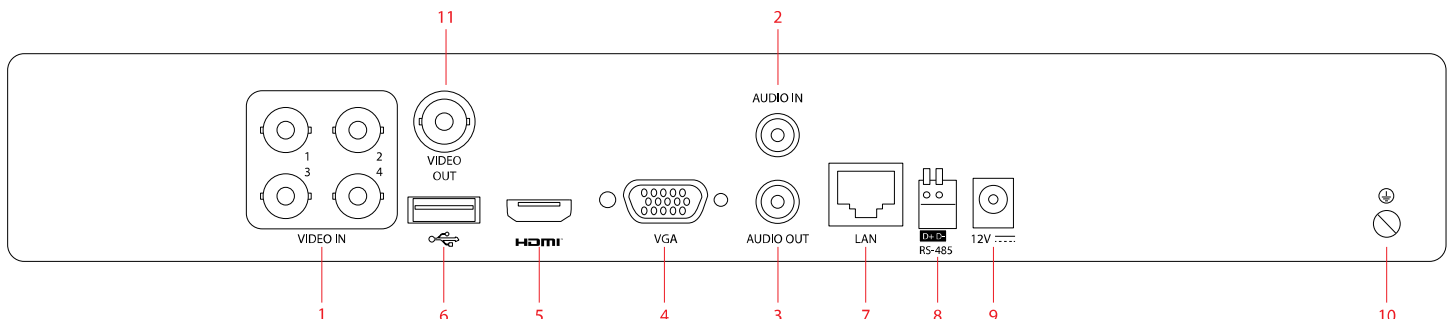
	T7204U1TA4(B)	T7208U2TA6(B)	T7216BU4TA12(B)
<b>CAMERA</b>			
<b>Camera Specs</b>			
Camera Model	DS-2CE76HOT-ITMF		
Camera Type	Turret		
Number of Cameras	4	6	12
Image Sensor	5 MP progressive scan CMOS		
Resolution	2560 (H) × 1944 (V)		
Minimum Illumination	Color: 0.01 lux @ (f/1.2, AGC on), 0 lux with 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		
<b>Menu</b>			
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		
<b>Interface</b>			
TVI Video Output	1 HD analog output		
Switch Button	TVI/AHD/CVI/CVBS		
<b>General</b>			
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)		
<b>DVR</b>			
<b>DVR Specs</b>			
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		
<b>Recording</b>			
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 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) <b>NOTE:</b> 8 MP @ 8 fps is available only for channel 1 of DS-7204HUI-K1		
Sub-Stream Frame Rate	8 MP Lite mode enabled: 8 MP Lite/3 MP/1080p/720p/WD1/4CIF/VGA/CIF @ 15 fps 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		
<b>Video and Audio</b>			
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 <b>NOTE:</b> 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)
<b>DVR (continued)</b>			
<b>Video and Audio (continued)</b>			
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
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
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		
<b>Motion Detection</b>			
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 <b>NOTE:</b> 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.		
<b>Perimeter Protection</b>			
Human/Vehicle Analysis	Up to 4-ch <b>NOTE:</b> 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.		
<b>Network</b>			
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		
<b>Auxiliary Interface</b>			
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
<b>General</b>			
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)

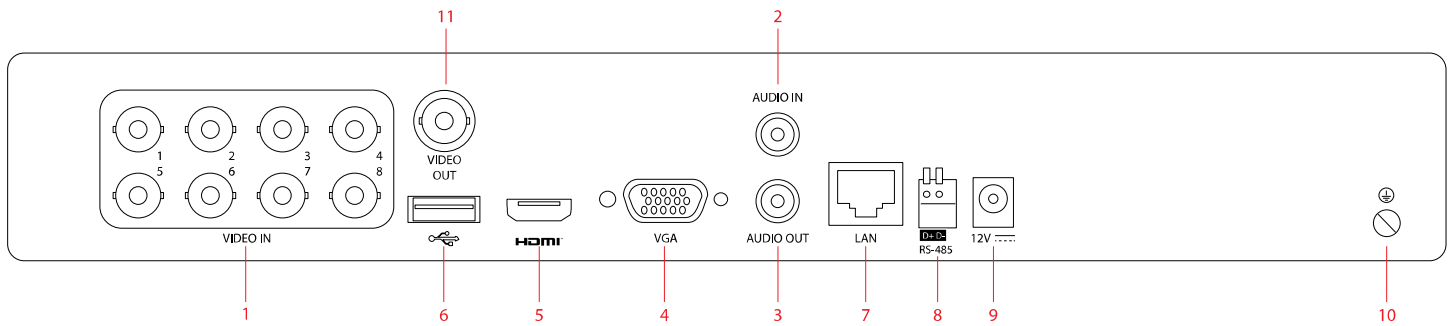
## DVR Rear Panels

### iDS-7204HUHI-M1/S DVR Rear Panel

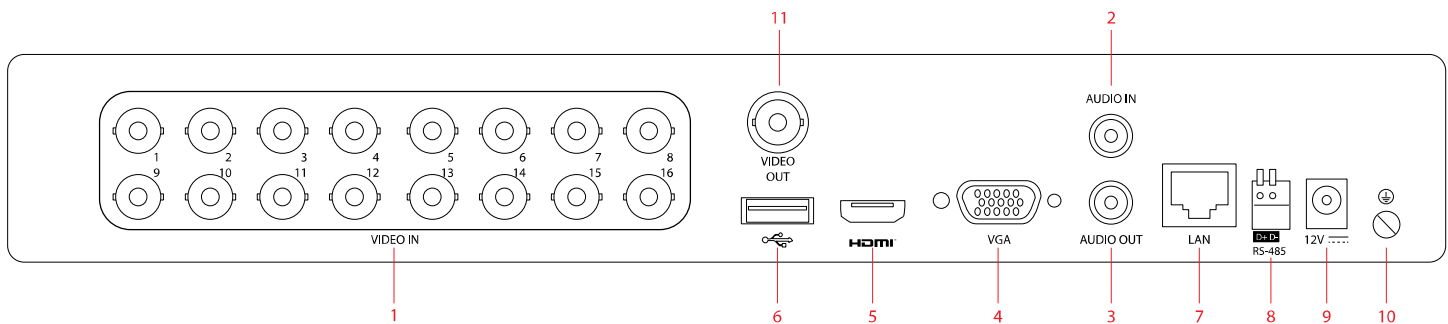


## DVR Rear Panels (continued)

### iDS-7208HUHI-M1/S DVR Rear Panel



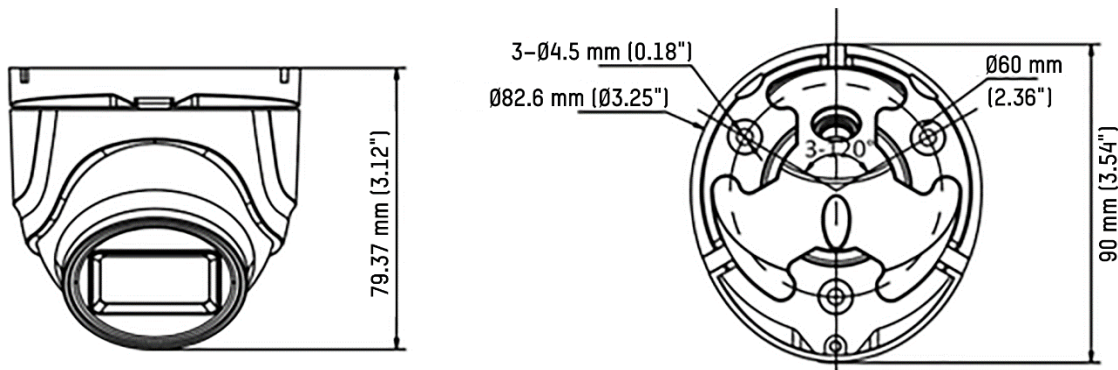
### iDS-7216HUHI-M2/S DVR Rear Panel



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						
						
<b>WMS</b> Wall Mount Short	<b>PC110T</b> 110 mm Pendant Cap	<b>PM</b> Pole Mount	<b>CM</b> Corner Mount	<b>CBXS</b> Conduit Base	<b>CPM</b> Ceiling Pendant Mount	<b>CPME</b> Ceiling Pendant Mount Extendable Pole
						
<b>SRS</b> Sun/Rain Shade	<b>SRSM</b> Sun/Rain Shade Medium					

## Box Contents (Subject to Change without Notice)

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