

# RT-DVR7204 TURBO HD DVR



## Features and Functions

### Video Input and Transmission

- Connectable to HDTVI, AHD, HDCVI and analog cameras
- Up to 1-ch 1080p IP cameras input
- Long distance transmission over UTP and coaxial cable

### Compression and Recording

- One-key enable H.264+ compression to improve encoding efficiency by up to 50% and reduce data storage costs
- Supports real-time 1080p lite of all channels and when enabled, the image effect is similar with 1080p

### Video Output

- HDMI/VGA output at up to 1920 × 1080 resolution

### Storage and Playback

- One SATA interface (up to 6 TB capacity per HDD)
- 4-ch synchronous playback at up to 720p resolution
- Smart search for efficient playback

### Smart Function

- Supports multiple VCA (Video Content Analytics) events for both analog and smart IP cameras
- VQD (Video Quality Diagnostics)
- Unlock pattern for device login for the *admin* and clear-text password available
- GUID file can be exported for password resetting and imported for finding the forgotten password
- Supports PTZ control via Omnicast VMS of Genetec protocol

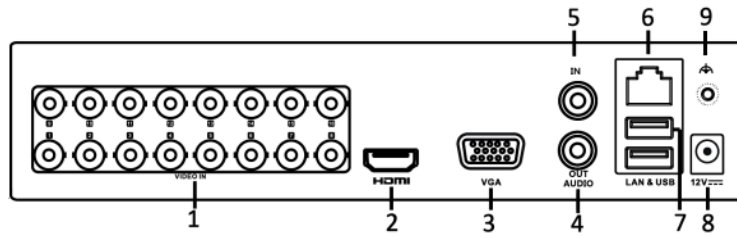
### Network & Ethernet Access

- One self-adaptive 10/100Mbps network interface
- Output bandwidth limit configurable

## Specifications

Model		<b>RT-DVR7204</b>
Video/Audio input	<b>Video compression</b>	H.264+/H.264
	<b>Analog video input</b>	4-ch BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection
	<b>HDTVI input</b>	1080p25, 1080p30, 720p25, 720p30
	<b>AHD input</b>	720p25, 720p30
	<b>HDCVI input</b>	720p25, 720p30
	<b>CVBS input</b>	Support
	<b>IP video input</b>	1-ch Up to 960p resolution
	<b>Audio compression</b>	G.711u
	<b>Audio input/Two-way audio input</b>	1-ch, RCA (2.0 Vp-p, 1 KΩ)
Video/Audio output	<b>HDMI/VGA output</b>	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
	<b>Encoding resolution</b>	When 1080p Lite mode not enabled: 720p/WD1/4CIF/VGA/CIF When 1080p Lite mode enabled: 1080p lite/720p/WD1/4CIF/VGA/CIF
	<b>Frame rate</b>	Main stream: When 1080p Lite mode not enabled: For 720p stream access: 720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) When 1080p Lite mode enabled: 1080p lite/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N)
	<b>Video bit rate</b>	32 Kbps to 4 Mbps
	<b>Audio output</b>	1-ch, RCA (Linear, 1 KΩ)
	<b>Audio bit rate</b>	64 Kbps
	<b>Dual stream</b>	Support
	<b>Stream type</b>	Video, Video & Audio
	<b>Synchronous playback</b>	4-ch
	<b>Sub-stream</b>	2CIF@6fps; CIF/QVGA/QCIF@ 25fps (P)/30fps (N)
Network management	<b>Remote connections</b>	32
	<b>Network protocols</b>	TCP/IP, PPPoE, DHCP, DNS, DDNS, NTP, SADP, SMTP, NFS, iSCSI, UPnP™, HTTPS
Hard disk	<b>SATA</b>	1 SATA interface
	<b>Capacity</b>	Up to 6 TB capacity for each disk
External interface	<b>Network interface</b>	1, RJ45 10M/100M self-adaptive Ethernet interface
	<b>USB interface</b>	Rear panel: 2 × USB 2.0
General	<b>Power supply</b>	12 VDC
	<b>Consumption (without HDD)</b>	≤ 8 W
	<b>Working temperature</b>	-10 °C to +55 °C (14 °F to 131 °F)
	<b>Working humidity</b>	10% to 90%
	<b>Dimensions (W × D × H)</b>	260 × 222 × 45 mm (10.2 × 8.7 × 1.8 inch)
	<b>Weight (without HDD)</b>	≤ 1 kg (2.2 lb)

## Physical Interfaces



### NOTE

The rear panel of RT-DVR7204 provides 4 video input interfaces.

Index	Description	Index	Description
1	VIDEO IN	6	LAN Network Interface
2	HDMI Interface	7	USB Interface
3	VGA Interface	8	GND
4	AUDIO OUT	9	12 VDC Power Input
5	AUDIO IN		