

TRIDVR-PR16ME-3MP

16 Channel Prime Mini 1U TVI/Analog/IP Tribrid DVR up to 3MP

- Up to 3MP resolution recording
- HDMI output at up to 4K (3840x2160) resolution
- Provides 2 SATA interfaces
- Up to 2 channel IP Video input



Recording Speed:	3MP / 1080p / 720p / D1 Max 10 Mbps
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Resolution:	3MP(2048×1536) / 1080P(1920×1080) / 720P(1280×720) / D1 (704×480)
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Drive Capacity:	2 SATA
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Video Inputs:	16
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Ethernet Ports:	1
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Video Outputs:	HDMI / VGA
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Audio Inputs:	4
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Audio Outputs:	1
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Alarm Inputs:	16
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Alarm Outputs:	4
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Internal DVD Burner Support:	N/A
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Smart Phone Access/ Push Notification	Yes
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Motion Activated Recording:	Yes
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PTZ Control:	Yes
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Simultaneous Remote Users:	128
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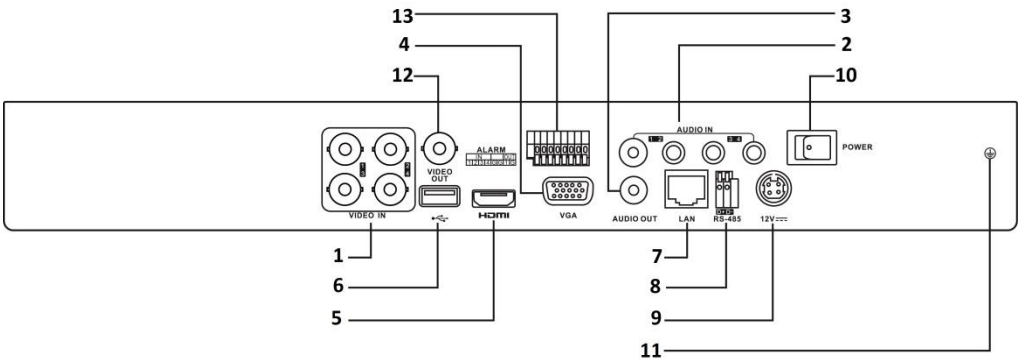
Model		TRIDVR-PR16ME-3MP
Video/Audio input	Video compression	H.264+/H.264
	Video input	16-ch BNC interface (1.0Vp-p, 75 Ω), supporting coaxitron connection
	Supported HDTVI input	1080p/25Hz, 1080p/30Hz, 720p/25Hz, 720p/30Hz, 720P/50Hz, 720p/60Hz, 3MP
	Supported AHD input	1080p/25Hz, 1080p/30Hz, 720p/25Hz, 720p/30Hz
	CVBS input	Support
	IP video input	2-ch Up to 3 MP resolution
	Audio compression	G.711u
	Audio input	4-ch, RCA (2.0 Vp-p, 1 KΩ)
Video/Audio output	CVBS output	Support
	HDMI/VGA output	VGA: 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60 Hz
		HDMI: 1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
	Encoding resolution	3MP@15fps/1080p/720p/WD1/4CIF/VGA/CIF
	Frame rate	Main stream: 25 fps (P)/30 fps (N) Sub-stream: WD1/4CIF@12fps (non-real-time); CIF/QVGA/QCIF (real time)
	Video bitrate	32 Kbps to 10 Mbps
	Audio output	1-ch, RCA (Linear, 1 KΩ)
	Audio bit rate	64 Kbps
	Dual-stream	Support
Network management	Stream type	Video, Video & Audio
	Synchronous playback	16-ch
Network management	Remote connections	128
	Network protocols	TCP/IP, PPPoE, DHCP, Cloud P2P, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF
Hard disk	SATA	2 SATA interfaces
	Capacity	Up to 6TB capacity
External interface	Two-way audio input	1-ch, RCA (2.0 Vp-p, 1 KΩ) (using the audio input)
	Network interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface
	USB interface	Front panel: 1× USB 2.0 Rear panel: 1×USB 3.0
	Serial interface	1; RS-485 serial interface, half-duplex
	Alarm in/out	16/4
General	Power supply	12 VDC
	Consumption (without HDD)	≤ 20W
	Working temperature	-10 °C to +55 °C (14 °F to 131 °F)
	Working humidity	10% to 90%
	Dimensions (W × D × H)	380 × 320 × 48 mm (15.0 × 12.6 × 1.9 inch)
	Weight (without HDD)	≤ 2 kg (4.4 lb)



For TRIDVR-PR16ME-3MP series DVR, each two video channels are grouped in sequence, e.g., CH01 and CH02, CH03 and CH04..., and each two channels in the same group must be connected with the same type of video source selected on GUI. For example, when the TVI/CVBS signal mode is selected, then either TVI or CVBS signal input can be connected to the channels in the same group; and when the AHD signal mode is selected, only the AHD signal input can be connected.

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Physical Interfaces



The rear panel of TRIDVR-PR16ME-3MP provide 16 video input interfaces respectively.

Index	Description	Index	Description
1	VIDEO IN	8	RS-485 Serial Interface
2	AUDIO IN, RCA Connector	9	12 VDC Power Input
3	AUDIO OUT, RCA Connector	10	Power Switch
4	VGA Interface	11	GND
5	HDMI Interface	12	VIDEO OUT
6	USB Interface	13	Alarm in/out
7	LAN Network Interface		