Watchguard

Watchguard 4 Channel 960H DVR
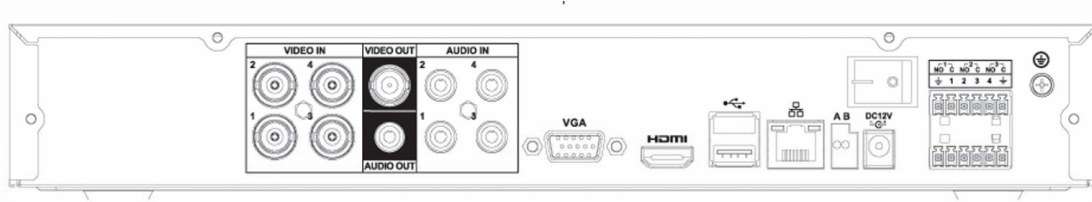## Model: DVR4E

Product Overview

DVR4E is a compact 4 channel DVR capable of 960H real time HD recording at 25fps. It features a single internal SATA port for up to 4TB of HDD storage and has HDMI and VGA video outputs.

The DVR also has comprehensive remote view (iOS, Android & Windows Phone) and backup functionality (USB/network).The Watchguard DVRE series are ideal for use in a home or small business, where the owner is after a high quality Digital Video Recorder with entry level functions.

The DVR utilises H.264 dual-stream Video Compression technology, multiple backup methods and a user friendly On-Screen Display (OSD). The OSD can be easily navigated by the included IR remote control or by connecting the USB mouse.

Specifications		
System	Main Processor	Embedded processor
	Operating System	Embedded Linux OS
	Video Input	4 channel BNC
	Audio Input	1 channel RCA
	Audio Output	1 channel RCA
	Two-way Talk	Reuse channel 1 audio input/output
Display	Video Output	1 x HDMI, 1 x VGA, 1 x TV BNC(1.0Vp-p, 75ohm)
	Resolution	1920× 1080, 1280× 1024, 1280× 720, 1024× 768, 800× 600
	Display Split	1/ 4
	Privacy Masking	4 rectangular zones per camera
	OSD	Camera title, time, video loss, camera lock, motion detection & recording
Recording	Video/Audio Compression	H.264 / G.711
	Resolution	Main Stream: 960H (960 x 480) / Sub stream: CIF (352 x 288)
	Record Rate	960H/D1 (1~25fps)
	Bit Rate	48~3072Kb/s
	Record Modes	Manual / Schedule (Regular [Continuous], MD) / Stop
	Record Interval	1~120 min (default: 60 min) / Pre: 1~30s / Post: 10~300s
Detection	Alarm Input	4 channel
	Alarm Output	3 channel
	Trigger Events	Recording; PTZ; predefined tour; push video notification; email notification; FTP upload; spot; internal buzzer; and screen tip overlay
	Video Detection	Motion detection (zones: 396 [22 × 18]) / Video loss / Camera blank
Playback & Backup	Sync Playback	1 / 4
	Search Modes	Time/Date; Motion detection; Exact search (to the second)
	Backup Modes	USB Device / Network / Internal SATA burner (not included)
Network	Ethernet	RJ-45 port (10/100M)
	Network Functions	HTTP, IPv4/IPv6, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP
	Max. User Access	20 users
	Remote View	iOS (iPhone, iPad); Android devices, Windows Phone
Storage	Internal HDD	1 SATA port, up to 4TB
Auxiliary	USB Interface	2 ports (1 Rear), USB2.0
	RS232	N/A
	RS485	1 port, for PTZ Control
General	Power Supply	DC12V/2A
	Power Consumption	10W (without HDD)
	Operating Environment	-10 ~+55℃ / 10~90%RH / 86~106kpa
	Dimensions	325mm× 245mm× 45mm (Mini 1U)
	Weight	1.5kg (without HDD)

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