

EverFocus

VANGUARD II 8x4H

★★★ Sec. 889 Compliance



8CH, H.265, 8MP XVR



eZ.HD ONVIF

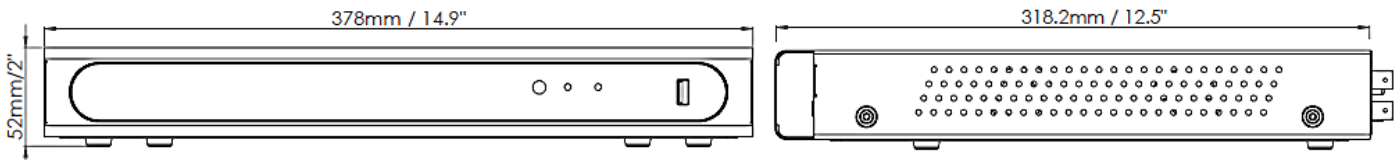


HDMI® HEVC Advance™
HIGH DEFINITION MULTIMEDIA INTERFACE Covered by Patents at patentlist.hevcadvance.com

Features

- Supports hybrid mode:
 - Analog: Up to 8CH 8MP AHD/TVI/CVBS cameras
 - IP: Up to 4CH 8MP IP cameras (up to 12CH if only IP cameras are connected)
- Megapixel resolution over standard coaxial / UTP cable
- Supports H.265 / H.264 compression format
- Supports cloud storage with Dropbox & Google Drive
- Supports ONVIF 2.0 IP cameras
- Control methods: mouse / IR remote controller
- Remote configuration from built-in web interface
- Integrates with VANGUARD CMS
- Supports multi-language
- Supports mobile App: eFVMS App

Dimensions



Specification

Model Name	VANGUARD II 8x4H
System	
Operating System	Embedded Linux
Number of Channels	<u>Analog</u> : Up to 8CH 8MP AHD/TVI/CVBS cameras <u>IP</u> : Up to 4CH 8MP IP cameras (up to 12CH if only IP cameras are connected)
RAM	2GB
Watchdog	Supported
Dual Stream	Supported
OSD Menu	Supported
System Control	Mouse, IR remote control
Multiplex Operation	Live display, record, playback, backup and remote network
PTZ Protocol Supported	Pelco D, Pelco P, UTC1, UTC2
Video	
Compression Format	H.265 / H.264
Video Format	NTSC / PAL
Video Inputs	<u>Analog</u> : 8 x BNC; <u>IP</u> : 4CH 8MP IP cameras (only IP, up to 12CH)
Video Looping Outputs	Not supported

Video Outputs		<u>HDMI/VGA</u> : 1024x768, 1280x720, 1280x1024, 1440x900, 1920x1080 (1080P), 1900x1200, 2560x1440 (2K HDMI only), 3840x2160 (4K, HDMI only) <u>CVBS</u> : Standard format
IP Bandwidth	Incoming	Max. 16Mbps ~72Mbps (default is 16Mbps, decrease one Analog channel can increase 6Mbps)
	Outgoing	Max. 72Mbps
Live Resolution / Frame Rate		<u>Analog</u> : 8MP: 15fps/CH; 5MP: 20fps/CH; 1080P/720P/960H: 30fps/CH; <u>IP</u> : 8MP/5MP/1080P/720P
Recording		
Recording Resolution / Frame Rate		<u>Analog</u> : 8MP: 7fps/CH; 5MP: 12fps/CH; 1080P: 25fps/CH (PAL); 30fps/CH (NTSC) <u>IP</u> : PAL: 25fps (Each CH); NTSC: 30fps (Each CH)
Recording Modes		Continuous / Manual / Schedule / Motion Detect
Playback		
Synchronized Playback		Supports up to 4ch playback
Playback Performance		8MP: 60fps; 5MP: 96fps; 4MP: 120fps; 1080P: 240fps
Search Modes		Time, Event, Motion, Intelligent in Recorded Video
Audio		
Audio Input / Output		8 / 1 (RCA)
Alarm		
Alarm Input / Output		8 / 1
Storage Device		
Internal 3.5" HDD		2 x SATA HDD (up to 8TB/disk)
External HDD		1 x e-SATA
DVD Burner		Not supported
Network		
Ethernet		1 x RJ-45 (10/100/1000 Ethernet)
Protocol		TCP-IP / DHCP / PPPoE / DDNS / SMTP / NTP
Interface		
USB		1 x USB2.0 (for mouse and backup/upgrade); 1 x USB3.0
RS-485		1 x RS-485 (for PTZ Control)
General		
Power Input		12VDC / 5A
Power Consumption		60W max.
Operating Temperature		0°C ~ 40°C / 32°F ~ 104°F (20 ~ 80% humidity)
Dimensions (W x D x H)		378 x 318.2 x 52mm / 14.9" x 12.5" x 2"
Weight (without HDDs)		2.1kg / 4.63lb
Language		English, Japanese, Traditional Chinese, German, Russian, Dutch, Italian
Regulatory		CE, FCC
Functions		
User Interface		GUI (Graphical User Interface)
Control PTZ via OSD		Yes (via both local and remote interfaces)
User Access		2 Levels of User Access Defined
Video Analytics		Perimeter Intrusion Detection, Line Crossing Detection, Foreign/Missing Object Detection, Pedestrian Detection, Face Detection, Cross-Counting Detection, Sound Detection, Tamper Detection
Others		Video Pause, Video Loss Detection, Motion Detection, Event Log, Schedule Setting
Remote Client System Minimum Requirement		
Operating System		Win7 (32 and 64-bit) / Win10 (32 and 64-bit)
CPU		Intel Core I3-2100
RAM		2GB
VGA		Intel HD 2000
LAN Speed		10 / 100 / 1000 Mbps (RJ45)
Web Browser		IE11 and later
Other Remote Application		1. EverFocus VANGUARD CMS 2. EverFocus eFVMS (mobile app)

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