EverFocus

VANGUARD II 8x4H

8CH, H.265, 8MP XVR
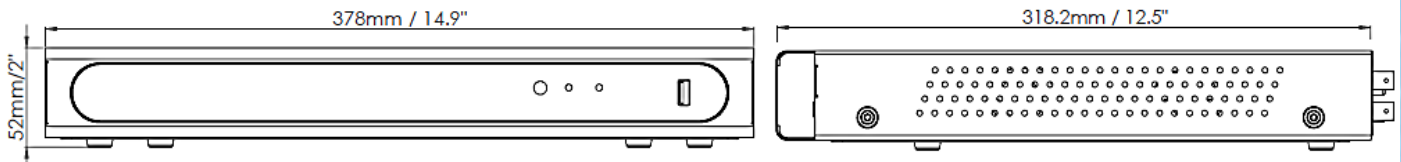
★★★ Sec. 889 Compliance

NDAA

 eZ.HD Video Out | Dual Stream | Embedded OS | ONVIF | H.265 Compression | CE | FC FEDERAL COMMUNICATION COMMISSION U.S.A.

HDMI® HIGH-DEFINITION MULTIMEDIA INTERFACE | HEVCAdvance™ 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

378mm / 14.9"

52mm/2"

318.2mm / 12.5"

Specification

Model Name	VANGUARD II 8x4H
System	
Operating System	Embedded Linux
Number of Channels	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)
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	Analog: 8 x BNC; IP: 4CH 8MP IP cameras (only IP, up to 12CH)
Video Looping Outputs	Not supported

Video Outputs		HDMI/VGA: 1024x768, 1280x720, 1280x1024, 1440x900, 1920x1080 (1080P), 1900x1200, 2560x1440 (2K HDMI only), 3840x2160 (4K, HDMI only) CVBS: 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		Analog: 8MP: 15fps/CH; 5MP: 20fps/CH; 1080P/720P/960H: 30fps/CH; IP: 8MP/5MP/1080P/720P
Recording		
Recording Resolution / Frame Rate		Analog: 8MP: 7fps/CH; 5MP: 12fps/CH; 1080P: 25fps/CH (PAL); 30fps/CH (NTSC) IP: 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
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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