

EverFocus

VANGUARD II 4x2H



04CH, H.265, 8MP XVR



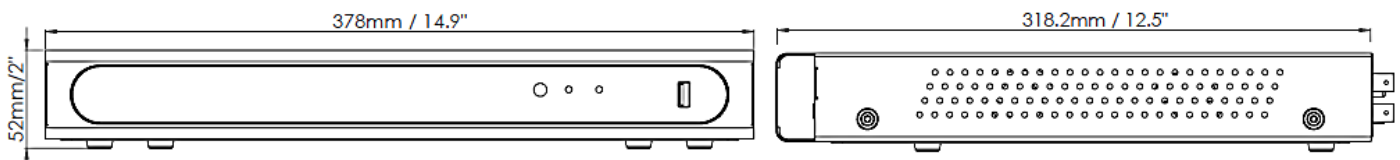
eZ.HD ONVIF



Features

- Supports hybrid mode:
 - Analog: Up to 4CH 8MP AHD/TVI/CVBS cameras
 - IP: Up to 2CH 8MP IP cameras (up to 6CH if only IP cameras are connected)
- Supports H.265 / H.264 compression format
- Supports cloud storage with Dropbox (Snapshot)
- Supports ONVIF 2.0 IP cameras
- Control methods: mouse / IR remote controller
- Remote configuration from built-in web interface
- Supports video analytics
- Integrates with EverFocus CMS
- Supports multi-language
- Supports mobile App: eFVMS App

Dimensions



Specification

Model Name	VANGUARD II 4x2H
System	
Operating System	Embedded Linux
Number of Channels	<u>Analog</u> : Up to 4CH 8MP AHD/TVI/CVBS cameras <u>IP</u> : Up to 2CH 8MP IP cameras (up to 6CH if only IP cameras are connected)
RAM	1GB
Watchdog	Supported
Dual Stream	Supported
OSD Menu	Supported
System Control	Mouse, IR remote control
Multiplex Operation	Live display, record, playback, backup and network
PTZ Protocol Supported	Pelco D, Pelco P

*All images presented in this document are for example only. Product models may vary in different countries. Please visit EverFocus regional Websites for detailed ordering information.

*Information contained in this document is subject to change without notice.

Video		
Compression Format	H.265 / H.264	
Video Format	NTSC / PAL	
Video Inputs	<u>Analog</u> : 4 x BNC <u>IP</u> : Up to 2CH 8MP IP cameras (up to 6CH if only IP cameras are connected)	
Video Looping Outputs	Unsupported	
Video Outputs	<u>HDMI/VGA/CVBS</u> : 704x576 (CVBS only), 1024x768, 1280x720, 1280x1024, 1440x900, 1920x1080 (1080P), 2560x1440 (2K HDMI only), 3840x2160 (4K, HDMI only)	
IP Bandwidth	Incoming	Max. 12Mbps ~ 36Mbps (default is 12Mbps, decrease one Analog channel can increase 6Mbps)
	Outgoing	Max. 48Mbps
Live Resolution / Frame Rate	<u>Analog</u> : 8MP: 15fps/CH; 5MP: 20fps/CH; 4MP/1080P/720P/960H: 30fps/CH <u>IP</u> : 8MP/4MP/1080P/720P (Single IP channel preview up to 4K 30 fps multi-channel preview only substream)	
Recording		
Recording Resolution / Frame Rate	<u>Analog</u> : 8MP: 7fps (each ch); 5MP: 12fps (each ch); 4MP:15fps (each ch); 1080P:PAL:25fps(eachch)/NTSC:30fps(each ch) <u>IP</u> : PAL: 25fps (each ch)/NTSC: 30fps (each ch) Sub-stream Max PAL : 704*576:10fps (each ch) / NTSC : 704*480:10fps (each ch)	
Recording Modes	Continuous/Manual/Motion Detect	
Playback		
Synchronized Playback	4CH	
Playback Performance	<u>8MP</u> : 28fps <u>5MP</u> : 48fps <u>4MP</u> : 60fps (Max 4CH playback) <u>1080P, 720P</u> : 120fps (Max 4CH playback)	
Search Modes	Time, Event, Motion in Recorded Video	
Audio		
Audio Input	4	
Audio Output	1 x RCA	
Alarm		
Alarm Input	4	
Alarm Output	1	
Storage Device		
Internal 3.5" HDD	2 x SATA HDD	
External HDD	NA	
Storage Capacity	8TB/disk	
DVD Burner	Not supported	
Network		
Ethernet	10/100 Ethernet	
Protocol	TCP-IP / DHCP / PPPoE / DDNS / SMTP / NTP	
Interface		
USB	1 x USB2.0 (for mouse and backup/upgrade); 1 x USB2.0	
RS-485	1 x RS-485 (for PTZ Control)	
Ethernet	1 RJ-45	

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)	2.3kg / 5.07lb
Language	English, Japanese, Traditional Chinese, German, Russian, Dutch, Italian
Regulatory	CE, FCC
Functions	
Video Pause	Yes
Video Loss Detection	Yes
Motion Detection	Yes
Event Log	Yes
User Interface	GUI (Graphical User Interface)
Control PTZ via OSD	Yes (via both local and remote interfaces)
Schedule Setting	Yes
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
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 CMS 2. EverFocus eFVMS (mobile app)

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