

EverFocus

IRONGUARD 16 PoE

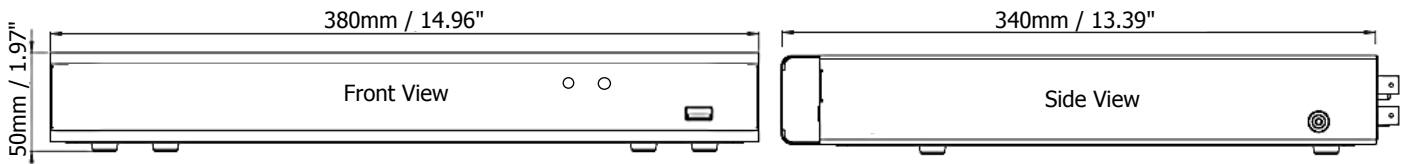
16CH, H.265, 8MP NVR



Features

- Supports 8MP (4K) IP camera up to 16 channels
- Supports 16 PoE ports
- Supports H.265 / H.264 compression format
- Supports 2 HDDs (8TB / HDD)
- Supports 1 e-SATA port
- Supports ONVIF 2.0 IP cameras
- Supports AI and IVS functions
- Control methods: mouse / IR remote controller
- Integrates with EverFocus CMS
- Supports mobile App: eFVMS App

Dimensions



Specification

Model Name	IRONGUARD 16 PoE
Video	
Compression Format	H.265 / H.264
Video Format	NTSC / PAL
Video Inputs	16
Live Resolution	1024x768, 1280x720, 1280x1024, 1440x900, 1920x1080, 2560x1440, 3840x2160
Live Performance	4K: 4ch realtime / 4MP:8ch realtime / 3MP: 10ch realtime / 2MP: 16ch realtime
Video Outputs	1 x HDMI (up to 4K) 1 x VGA
Display Division	1/4/6/8/9/10/13/14/16/17/19/22/25/32/36
Recording	
Recording Resolution	8MP (4K), 5MP, 3MP, 2MP (1080P), 1.3MP (960P), 1MP (720P)
Recording Bandwidth	Max 320Mbps

*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.

Playback	
Synchronized Playback	16CH
Playback Performance	4K: 4ch realtime / 4MP:8ch realtime / 3MP: 10ch realtime / 2MP: 16ch realtime
Audio	
Audio Input	1 x Line-In
Audio Output	1 x Audio-Out
Alarm	
Alarm Input	16
Alarm Output	1
Storage Device	
Internal 3.5" HDD	2 x SATA HDD
External HDD	1 x e-SATA
Storage Capacity	8TB/disk
DVD Burner	Not supported
Network	
Ethernet	10/100/1000 Ethernet
Protocol	-
Interface	
USB	2 x USB2.0 (for mouse) 1 x USB3.0 (for backup/upgrade)
RS-485	1 x RS-485
Ethernet	1 x RJ-45
PoE	16 x PoE port; single port up to 802.3at (30w) * Every 16 PoE ports shares 200W of power budget
Functions	
User Interface	GUI (Graphical User Interface)
User Access	2 Levels of User Access Defined
Control PTZ via OSD	Supported (via both local and remote interfaces)
AI Function	Face Recognition (only work with supported IP cameras)
Video Analytics	Perimeter Intrusion Detection, Line Crossing Detection, Foreign/Missing Object Detection, Pedestrian Detection, Face Detection, Cross-Counting Detection, Sound Detection, Tamper Detection
Other Functions	Video Loss Detection, Motion Detection, Event Log, Schedule Setting
General	
Power Input	110~240VAC ,PoE Switch: 48V
Power Consumption	12W max. (excluding HDD)
Operating Temperature	0°C ~ 40°C / 32°F ~ 104°F (20 ~ 80% humidity)
Dimensions (W x D x H)	380 x 340 x 50mm / 14.96" x 13.39" x 1.97"
Weight (without HDDs)	2.3kg / 5.07lb
Language	English, Japanese, Traditional Chinese, German, Russian, Dutch, Italian
Regulatory	CE, FCC, BSMI(by Project), UI (by Project)
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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