



EasyView V4 Server Series

We have tailored a range of servers that come pre installed with EasyView. We have selected different storage capacity's to match many of the common server requirements. The concept is designed to offer easy system design and fast onsite install. All you need to do is add the amount of channels you require.

Storage Configured Using SDD

SDD (Secure Data Distribution) technology distributes video frames evenly between disks. A single drive failure would thus only decrease the frames on a video clip and not leave any large blank areas during the storage interval.

Optimized For Surveillance

The Pegasus range is engineered to optimize the way the processor, memory, graphics, OS and software technology work together to deliver massive recording power.

Tuned and Tested

All systems have been hardware tested over 24 hours together with more than 87 unique systems settings before leaving the assembling line to make sure that the server will run 24 hours per day, year after year.

Pegasus V4 Server

CORE- EasyView Range

- 1400 & 3200 Megapixel fps Recording
- Intel i5, i7 9th Gen Coffee Lake CPUs
- 8 or 16 GB DDR4 Ram Options
- 4, 8, 12 or 16 Hot Swappable HDD bays
- Windows® 10 64BIT Pro OS installed
- 250Gb NVMe SSD System Drive
- 12Gbps RAID Card where used
- Dual Gigabit Network Card
- 3 year Warranty

Version 4 Performance Increase

The version 4 series has been improved with the addition of the new 9th Generation Intel Coffee Lake CPU's with Intel Quick Sync ideal for smooth VMS Operation and is optimized to work with CCTV recording software for sensitive & long-term storage of IP/Megapixel cameras. NVMe M.2 250GB SSD system disk is used improving performance.

Hardware Remote Access

Special hardware IPMI management and notification server give you early warnings if a problem is detected so you can keep your server healthy.

Server Configuration Table

Part Number	Description	Raid Card
CORE-EASY-VIEW-1	4 BAY 1400 Meg Rack 6TB	No
CORE-EASY-VIEW-2	4 BAY 1400 Meg Rack 12TB	No
CORE-EASY-VIEW-3	8 BAY 3200 Meg Rack 18TB	Included
CORE-EASY-VIEW-4	8 BAY 3200 Meg Rack 24TB	Included
CORE-EASY-VIEW-5	12 BAY 3200 Meg Rack 36TB	Included
CORE-EASY-VIEW-6	12 BAY 3200 Meg Rack 54TB	Included
CORE-EASY-VIEW-7	12 BAY 3200 Meg Rack 72TB	Included
CORE-EASY-VIEW-8	16 BAY 3200 Meg Rack 90TB	Included
CORE-EASY-VIEW-9	16 BAY 3200 Meg Rack 120TB	Included

Intelligent Platform Management Interface (IPMI)

IPMI is an invaluable tool for any administrator, it enables them to monitor systems on a hardware level and perform essential maintenance remotely.

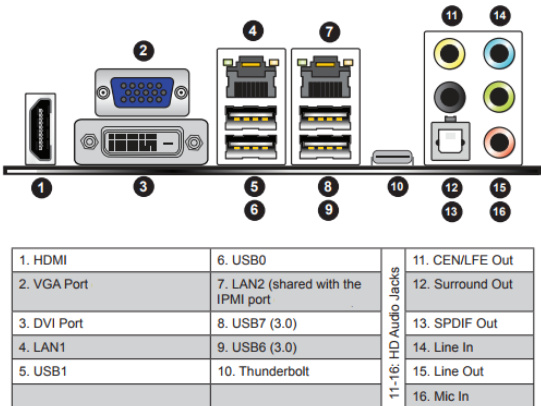
Without it system installation, trouble shooting and monitoring can be a costly time consuming experience. With collocated systems, a system crash/hang that requires a system reboot can in some situations require a trip to a data centre in another city. Simply probing the IPMI to determine the fault and if necessary power cycling the node can be done in seconds resulting in much faster response times and ensure longer uptime of essential services.

Even disregarding system failures, IPMI is a powerful tool for monitoring overall system health, applying firmware, BIOS and OS updates remotely, configuring new systems and using KVM to fully control the pre-OS and OS remotely.

All of these factors make IPMI an excellent tool for reducing your TCO and improving your productivity as an administrator and your company's services as a whole. Note: as default IPMI KVM is disabled to support Intel Quick Sync

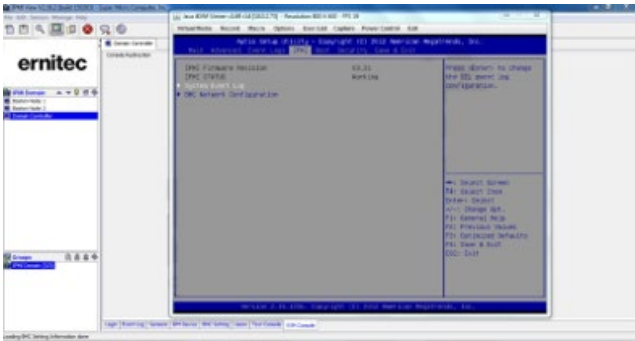
IPMI CONNECTIVITY

All these features are delivered remotely over a standard IP network port on the managed system. Build Servers send IPMI traffic over the 2nd LAN port on the motherboard (eth2) alongside the systems standard IP traffic shown in item 7 below.



KVM Over IP Support

Using a Java based console it's possible to gain full graphical KVM access to a system over an IP network. This allows access at all times, even before an O/S has booted, giving access to the BIOS or DOS applications. It's even possible to perform installations of Linux and Windows remotely from this console.



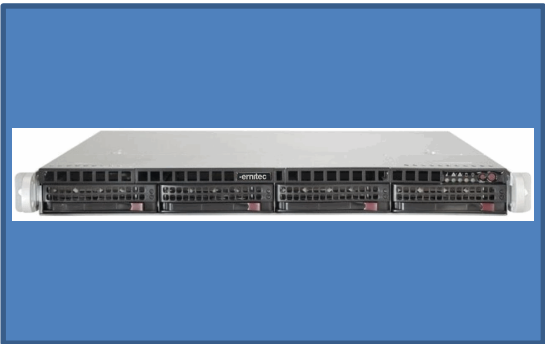
* Note the CORE-EASY-VIEW-1 and CORE-EASY-VIEW-2 have no IPMI support.

CORE-EasyView Configuration Guide

The CORE EasyView range consists of 8 servers from 6 terabytes to 120 terabytes, all pre configured with the EasyView V8 software installed and the raid cards set up for high speed recording using secure data distribution. All you need to do is add your license once the server is delivered.

Models and Storage Sizes

Part Number	Description	Raid Card	Discs	Storage
CORE-EASYVIEW 1	4 BAY 1400 Meg RACK	no	2 x 3Tb HDDs	6TB
CORE-EASYVIEW 2	4 BAY 1400 Meg RACK	no	3 x 4Tb HDDs	12TB
CORE-EASYVIEW 3	8 BAY 3200 Meg RACK	Included	6 x 3Tb HDDs	18TB
CORE-EASYVIEW 4	8 BAY 3200 Meg RACK	Included	6 x 4Tb HDDs	24TB
CORE-EASYVIEW 5	12 BAY 3200 Meg RACK	Included	9 x 4Tb HDDs	36TB
CORE-EASYVIEW 6	12 BAY 3200 Meg RACK	Included	9 x 6Tb HDDs	54TB
CORE-EASYVIEW 7	12 BAY 3200 Meg RACK	Included	12 x 6TB HDDs	72TB
CORE-EASYVIEW 8	16 BAY 3200 Meg RACK	Included	15 x 6Tb HDDs	90TB
CORE-EASYVIEW 9	16 BAY 3200 Meg RACK	Included	15 x 8Tb HDDs	120TB



4 BAY RACK



8 BAY RACK



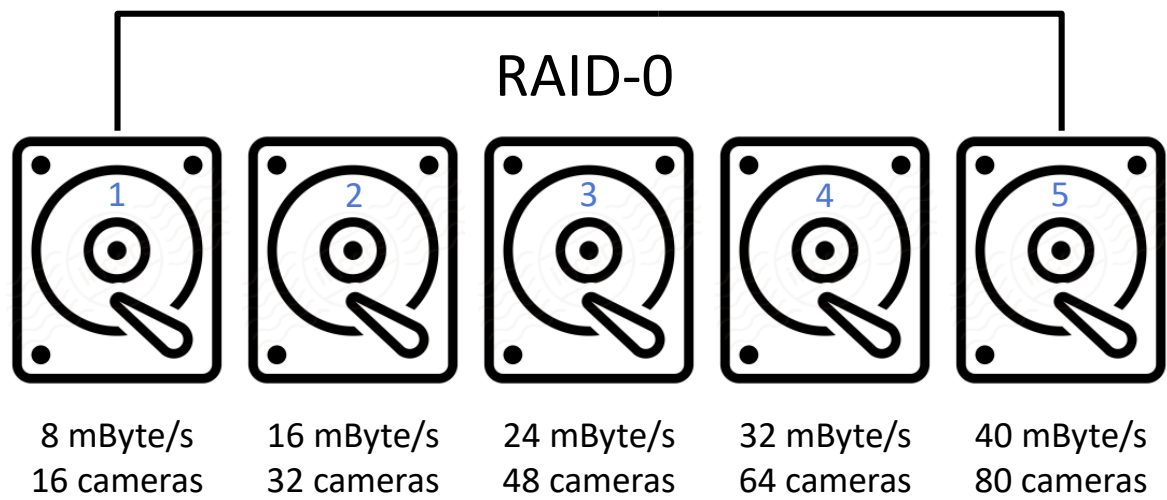
12 BAY RACK



16 BAY RACK

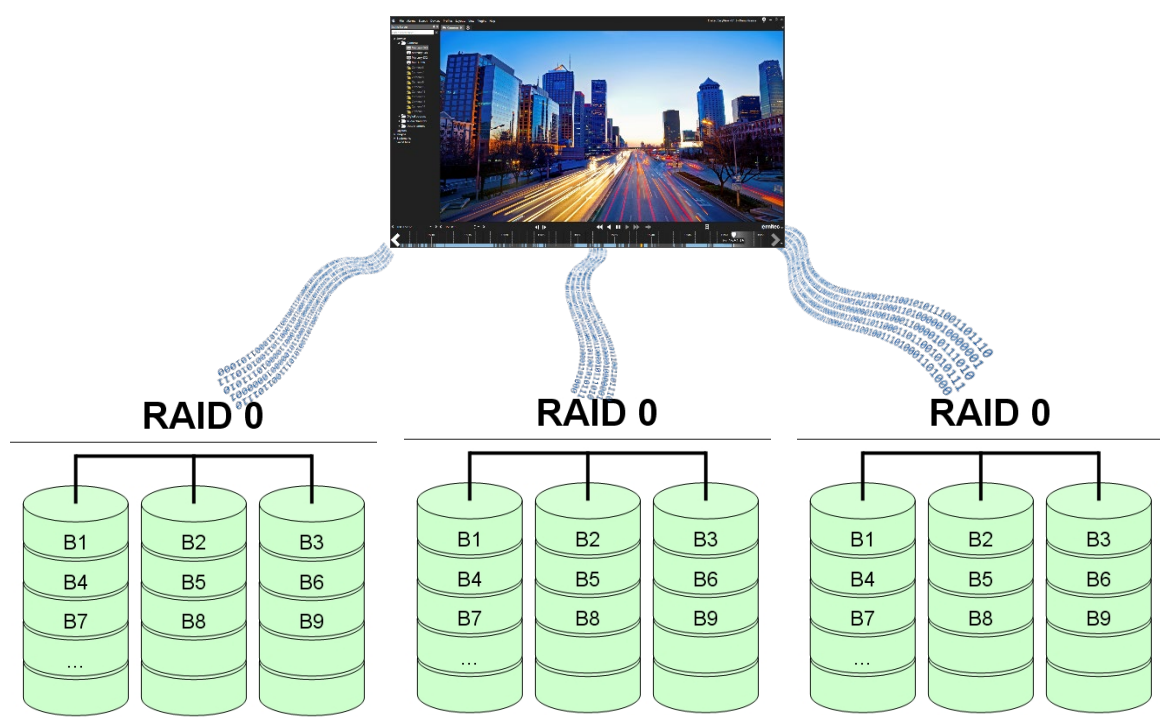
How we use RAID-0

Using raid zero with raid cards massively increases the speed of the IO (input/output or read write speed of your disc system). Typically when using RAID-0 every additional hard drive gives you an extra 8 mByte/s of increased speed as shown in the illustration below;



SDD Secure Data Distribution

What about redundancy when using RAID-0, well this is where EasyView come into its own. The EasyView software has SDD technology which distributes video frames evenly between disks like a software RAID-5 system. A single drive failure would thus only decrease the frames on a video clip and not leave any large blank areas during the storage interval. For forensic research a well-placed, good resolution camera gives practically the same success rate with a low frame rate as a video with a higher frame rate – meaning that the risk of not being able to analyse an event due to a failed hard disk becomes close to zero.



Video Management Software

V8 EasyView

- New Interface Look
- Over 8000 Supported Cameras
- New Storage Software Architecture
- 1 Year TruComfort Included
- H265 support
- Video Analytics
- 250 Channels per server
- Unlimited Expansion
- Open Platform
- OnVif



V8 EasyView

V8 is the new version of Enterprise level of EasyView offering massive expansion with this new versions of our open platform VMS. Each server can be loaded with up to 250 channels, this can be expanded to over 150 servers using master server upgrade license. With additional unlimited software available if more than 35,000 cameras are required.

Video Analytics

We have built video analytics directly into our software package, once activated with a separate licence per channel you can run real 3D calibration video analytics on any camera connected to the software.

Huge Camera Integration List

The EasyView software, can integrate with over 8000 cameras with native SDK integration offering the full features of the cameras not just the normal OnVif integration. Of course you can use OnVif cameras opening up to almost limitless choice of camera integration.

Multi-Streaming

This extremely important feature enables the EasyView software to record in high resolution and stream multi-screen images to the local monitors, the multi streaming enables a second or even third stream resolution choices to the programmer meaning the load to the local monitor is reduced enabling more cameras on the server.

New Storage Software Architecture

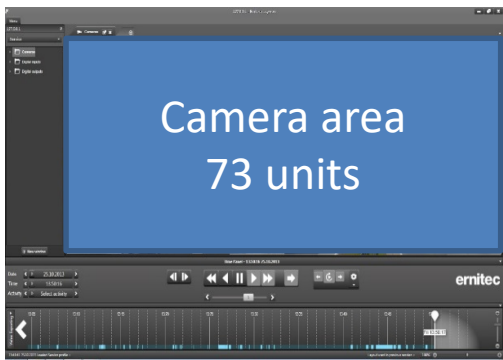
The new storage mechanism meets and exceeds the scalability of today's CCTV demands. Its designed to allow an unlimited number of supported disk drives or any disk drive size in mind, and to allow a mix of different size drives or network storage. It also allows flexibly removal or adding drives to the storage subsystem. It can work with direct connected disks, RAID subsystems, local drives or network drives – NAS or SAN storage systems. It still supports the EasyView Secure Data Distribution – SDD – mechanism where video frames – or groups of pictures – written to different drives to reduce the loss of video material if individual disks fail.

V8 EasyView Features

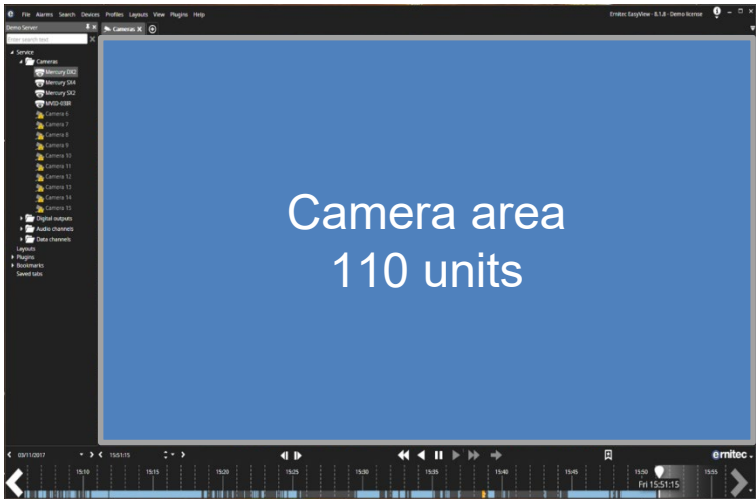
50% Larger Usable Camera Area

One of the changes to note is that without loss of functionality, there is a lot more available space for the key content for any VMS and that is Cameras. This has been made possible by eliminating wasted space by reducing the size and position of various user interface controls. Technically, there is now a 50% larger camera area with the same functions visible in version 7. Try it out and we know you'll love it!

V7



V8

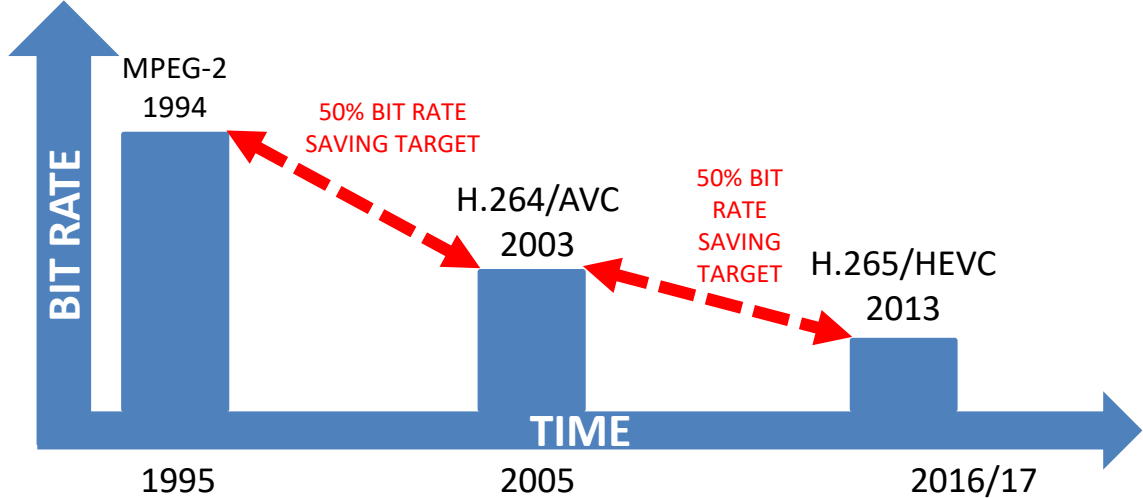


Support for the H.265 Video Format

V8 EasyView supports H265, so called “High Efficiency Video Coding” or HEVC video compression standard. For IP Video systems, it is the most likely successor to H.264, also known as AVC (Advanced Video Coding) or MPEG-4 Part 10. H.265/HEVC offers about double the data compression ratio at the same level of video image size and quality offering large savings on hard drive space requirements or substantially improved video quality at the same bit rate. H.265/HEVC supports resolutions up to 8192×4320, including 8K UHD (Ultra High-Definition).

Hardware Requirement Note:

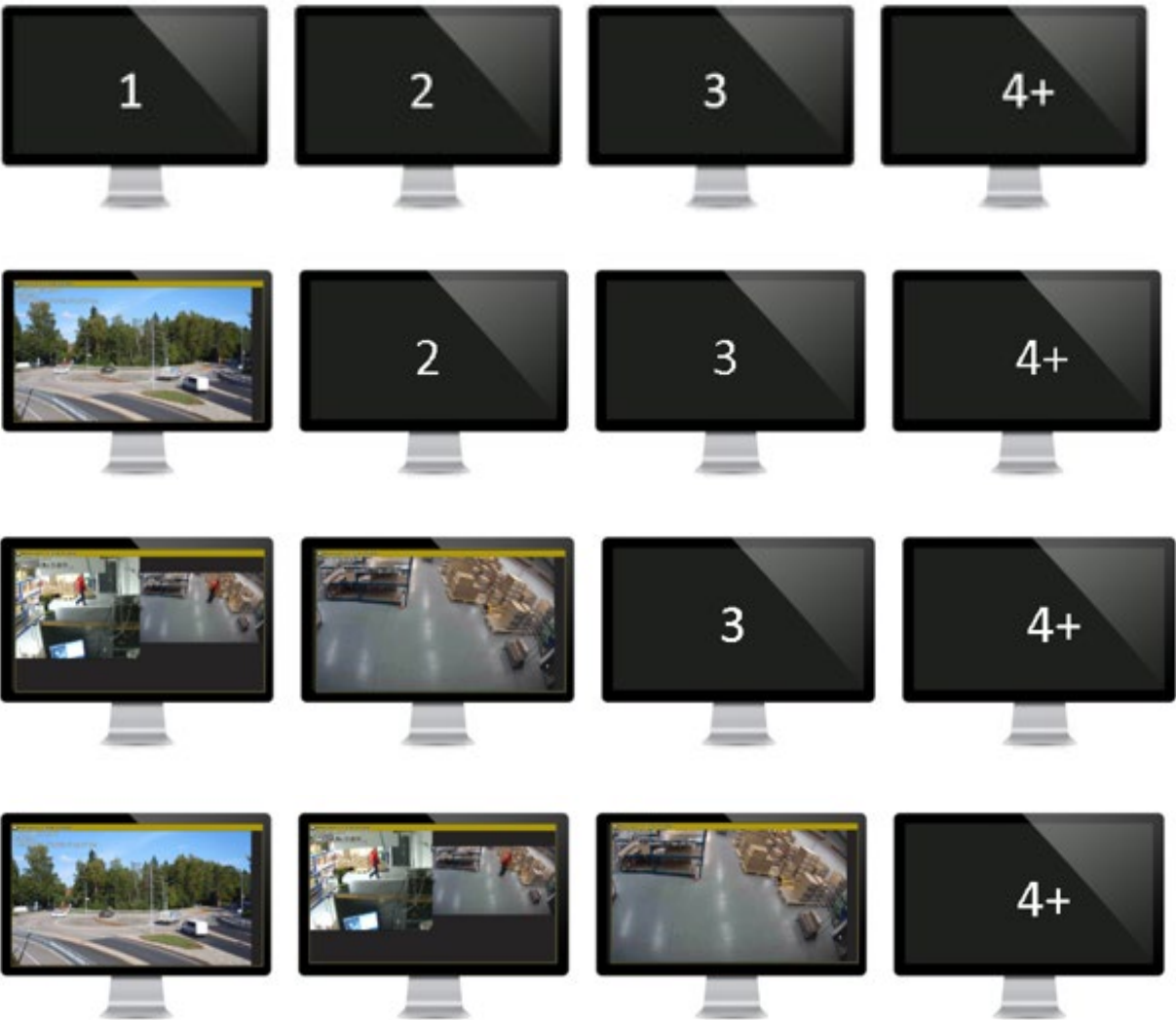
When using H.265/HEVC decoding more CPU power and/or accelerated graphics hardware/DSPs, Digital Signal Processors will be needed. H265 is more CPU intensive, which will affect how many simultaneous streams a workstation PC can decode. V8 EasyView H.265 support is separately licensed.



Multiple Alarm Monitors True Matrix Style

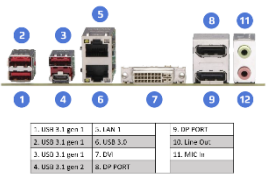
This scenario shows 4 alarm Monitors. When one alarm is active, it is displayed on the first alarm monitor. If there are two active alarms, then the first alarm is always displayed on the first monitor, and the newest alarm opens on the second monitor in a Que. Then, as can be expected, the third alarm opens on the third alarm monitor. When the first alarm is handled (user ends the alarm) it's then closed on the first monitor, and the remaining alarms shift to the left. In other words, what was the second alarm on the second monitor moves now to the first monitor as it is now the oldest alarm in the alarm stack.

Note: This scenario can also be set up on a quad grid on one monitor.



Features	
Framerate resolution at 1280 x 720	Recording up to 1400 fps/sec in H.264
System Hard drive with OS	1 x NVMe 2.M 250 SSD
Graphic controller for 3 monitor output	** 1x Display Port, 1xDVI-D, 1xHDMI
Auto-rebooting after power failure	Yes
Storage	
Storage interface	SATA/SAS JBOD
Storage included	6TB JBOD set up
Storage bays	4 usable 3,5" hot swap bays
RAID controller	Optional
Storage hard drive included	2 x 3TB HDD 24/7 Discs (8 mByte/s)
OS support	
OS	Windows 10 Pro 64bit
Upgrade option; Win OS	Windows Server 2019, STD 16 Cores
CPU / Memory	
CPU Coffee Lake	INTEL Core I5-9600 3,1GHz
CPU upgrade option	INTEL Core I7-9700 3,0GHz
Memory	2 x 4GB 2400MHz DDR4 Non-ECC (8GB)
Memory Upgrade Options	To 16GB, 32GB or 64GB RAM
Cooling	
Fan type	80x38mm 4-pin PWM Fans
Hot swap Fan	3
On-Board Devices	
Keyboard / mouse	USB connector
Chipset	Intel® C236
Audio	HD Audio 7.1 channel connector by Realtek ALC1150
USB ports	8x USB 3.0 (4 rear + 4 via headers) 6xUSB 2.0 (2 rear + 4 via headers)
Network card	Dual Gigabit Ethernet LAN ports (1x Intel® i217LM & 1x Intel® i210AT)
Onboard RAID Controller	***
Power	
Redundant PSU	400W (1+1) high-efficiency (94%+) AC-DC Redundant power supplies with PM Bus and I2C
Power requirements	100v -240V AC/50-60Hz/400W

Management	
Power Configurations	IPMI, ACPI Power Management, Keyboard Wakeup from Soft-Off, Power-on mode for AC power recovery
Software	SuperDoctor 5, IPMI View
Dimensions / Weights	
Form Factor	1U 19" Rack Frame
Rack Rails	Yes
Dimensions (HxWxD mm)	43x437x503
Weight	Up to 21.2KG (Cabinet 15.2KG)
General	
Languages	25 including : English, German, French, Spanish, Dutch, Danish, Italian, Finnish
Operation conditions	Temperature range from +5°C to +35°C
Operating Range	Relative Humidity 8% ~ 90% (non-condensing)
Warranty	3 years
Included accessories	1x OPTICAL MOUSE BLACK/USB PS2, CAT6 2M GREY, CAT6 2M BLUE, Power Cord schuko 2M , Power 2M UK, rack kit
Part number	CORE-EASY-VIEW-1
EasyView Part Number	0063-80001
Recommended EasyView Options	
EasyView	16 x 0063-80001
Using H264 for 31 days	16 Channels @8pps 1080P 50% Motion



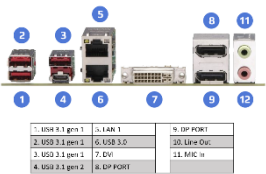
* Tested with Ernitec EasyView Version 7 and 8
** Using different cables with the on board graphic card can cause small differences to the images on the monitors connected



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Features	
Framerate resolution at 1280 x 720	Recording up to 1400 fps/sec in H.264
System Hard drive with OS	1 x NVMe 2.M 250 SSD
Graphic controller for 3 monitor output	** 1x Display Port, 1xDVI-D, 1xHDMI
Auto-rebooting after power failure	Yes
Storage	
Storage interface	SATA/SAS JBOD
Storage included	12TB JBOD set up
Storage bays	4 usable 3,5" hot swap bays
RAID controller Included	Optional
Storage hard drive included	3 x 4TB HDD 24/7 Discs (8 mByte/s)
OS support	
OS	Windows 10 Pro 64bit
Upgrade option; Win OS	Windows Server 2019, STD 16 Cores
CPU / Memory	
CPU Coffee Lake	INTEL Core I5-9600 3,1GHz
CPU upgrade option	INTEL Core I7-9700 3,0GHz
Memory	2 x 4GB 2400MHz DDR4 Non-ECC (8GB)
Memory Upgrade Options	To 16GB, 32GB or 64GB RAM
Cooling	
Fan type	80x38mm 4-pin PWM Fans
Hot swap Fan	3
On-Board Devices	
Keyboard / mouse	USB connector
Chipset	Intel® C236
Audio	HD Audio 7.1 channel connector by Realtek ALC1150
USB ports	8x USB 3.0 (4 rear + 4 via headers) 6xUSB 2.0 (2 rear + 4 via headers)
Network card	Dual Gigabit Ethernet LAN ports (1x Intel® i217LM & 1x Intel® i210AT)
Onboard RAID Controller	***
Power	
Redundant PSU	400W (1+1) high-efficiency (94%+) AC-DC Redundant power supplies with PM Bus and I2C
Power requirements	100v -240V AC/50-60Hz/400W

Management	
Power Configurations	IPMI, ACPI Power Management, Keyboard Wakeup from Soft-Off, Power-on mode for AC power recovery
Software	SuperDoctor 5, IPMI View
Dimensions / Weights	
Form Factor	1U 19" Rack Frame
Rack Rails	Yes
Dimensions (HxWxD mm)	43x437x503
Weight	Up to 21.2KG (Cabinet 15.2KG)
General	
Languages	25 including : English, German, French, Spanish, Dutch, Danish, Italian, Finnish
Operation conditions	Temperature range from +5°C to +35°C
Operating Range	Relative Humidity 8% ~ 90% (non-condensing)
Warranty	3 years
Included accessories	1x OPTICAL MOUSE BLACK/USB PS2, CAT6 2M GREY, CAT6 2M BLUE, Power Cord schuko 2M , Power 2M UK, rack kit
Part number	BUILD-EASY-VIEW-2
EasyView Part Number	0063-80001-BUILD, 0063-80001-BUILD-UK
Recommended EasyView Options	
EasyView	16 x 0063-80001
Using H264 for 31 days	16 Channels @12pps 1080P 50% Motion



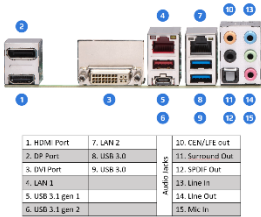
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Features	
Recording frame rate at resolution 1280 x 720	*Up to 3200 fps/sec in H.264
System Hard drive with OS	1 x NVMe 2.M 250 SSD
Graphic controller for 3 monitor output	** 1x Display Port, 1xDVI-D, 1xHDMI
Auto-rebooting after power failure	Yes
Storage	
Storage interface	SATA/SAS with RAID controller
Storage included	18TB set for Secure Data Distribution
Storage bays	8 x 3,5" hot swap bays
RAID controller settings	3 x 6TB RAID-0 virtual discs using 2 x 3TB HDD in each (16 mByte/s)
Storage hard drive options	6 x 3TB HDD 24/7 Enterprise Discs
OS support	
OS	Windows 10 Pro 64bit
Upgrade option; Win OS	Windows Server 2019, STD 16 Cores
CPU / Memory	
CPU Coffee Lake	INTEL Core I7-9700 3,0GHz
Memory	2 x 4GB 2400MHz DDR4 Non-ECC (8GB)
Memory Upgrade Options	To 16GB, 32GB or 64GB RAM
Cooling	
Fan type	80x38mm 4-pin PWM Fans
Hot swap Fan	3
On-Board Devices	
Keyboard / mouse	USB connector
Chipset	Intel® C236
Audio	HD Audio 7.1 channel connector by Realtek ALC1150
USB ports	8x USB 3.0 (4 rear + 4 via headers) 6xUSB 2.0 (2 rear + 4 via headers)
Network card	Dual Gigabit Ethernet LAN ports (1x Intel® i217LM & 1x Intel® i210AT)
Embedded RAID Controller	***
Power	
Redundant PSU	720W (1+1) high-efficiency (94%+) AC-DC Redundant power supplies with PM Bus and I2C
Power requirements	100v -240V AC/50-60Hz/720W

Management	
Power Configurations	IPMI, ACPI Power Management, Keyboard Wakeup from Soft-Off, Power-on mode for AC power recovery
Software	SuperDoctor 5, IPMI View
Dimensions / Weights	
Form Factor	2U 19" Rack Frame
Rack Rails	Yes
Dimensions (HxWxD mm)	89x437x647
Weight	Up to 29.9KG (Cabinet 23.9KG)
General	
Languages	25 including : English, German, French, Spanish, Dutch, Danish, Italian, Finnish
Operation conditions	Temperature range from +5°C to +35°C
Operating Relative Humidity Range	8% ~ 90% (non-condensing)
Warranty	3 years
Included accessories	1x OPTICAL MOUSE BLACK/USB PS2, CAT6 2M GREY, CAT6 2M BLUE, Power Cord schuko 2M , Power 2M UK, rack kit
Part number	BUILD-EASY-VIEW-4
EasyView Part Number	0063-80001-BUILD, 0063-80001-BUILD-UK
Recommended EasyView Options	
EasyView	16 x 0063-80001
Using H264 for 31 days	16 Channels @25pps 1080P 50% Motion



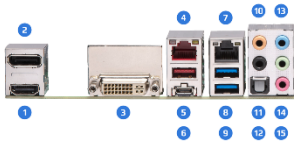
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Features	
Recording frame rate at resolution 1280 x 720	*Up to 3200 fps/sec in H.264
System Hard drive with OS	1 x NVMe 2.M 250 SSD
Graphic controller for 3 monitor output	** 1x Display Port, 1xDVI-D, 1xHDMI
Auto-rebooting after power failure	Yes
Storage	
Storage interface	SATA/SAS with RAID controller
Storage included	24TB set for Secure Data Distribution
Storage bays	8 x 3,5" hot swap bays
RAID controller settings	3 x 8TB RAID-0 virtual discs using 2 x 4TB HDD in each (16 mByte/s)
Storage hard drive options	6 x 4TB HDD 24/7 Enterprise Discs
OS support	
OS	Windows 10 Pro 64bit
Upgrade option; Win OS	Windows Server 2019, STD 16 Cores
CPU / Memory	
CPU Coffee Lake	INTEL Core I7-9700 3,0GHz
Memory	2 x 4GB 2400MHz DDR4 Non-ECC (8GB)
Memory Upgrade Options	To 16GB, 32GB or 64GB RAM
Cooling	
Fan type	80x38mm 4-pin PWM Fans
Hot swap Fan	3
On-Board Devices	
Keyboard / mouse	USB connector
Chipset	Intel® C236
Audio	HD Audio 7.1 channel connector by Realtek ALC1150
USB ports	8x USB 3.0 (4 rear + 4 via headers) 6xUSB 2.0 (2 rear + 4 via headers)
Network card	Dual Gigabit Ethernet LAN ports (1x Intel® i217LM & 1x Intel® i210AT)
Embedded RAID Controller	***
Power	
Redundant PSU	720W (1+1) high-efficiency (94%+) AC-DC Redundant power supplies with PM Bus and I2C
Power requirements	100v -240V AC/50-60Hz/720W

Management	
Power Configurations	IPMI, ACPI Power Management, Keyboard Wakeup from Soft-Off, Power-on mode for AC power recovery
Software	SuperDoctor 5, IPMI View
Dimensions / Weights	
Form Factor	2U 19" Rack Frame
Rack Rails	Yes
Dimensions (HxWxD mm)	89x437x647
Weight	Up to 29.9KG (Cabinet 23.9KG)
General	
Languages	25 including : English, German, French, Spanish, Dutch, Danish, Italian, Finnish
Operation conditions	Temperature range from +5°C to +35°C
Operating Relative Humidity Range	8% ~ 90% (non-condensing)
Warranty	3 years
Included accessories	1x OPTICAL MOUSE BLACK/USB PS2, CAT6 2M GREY, CAT6 2M BLUE, Power Cord schuko 2M , Power 2M UK, rack kit
Part number	BUILD-EASY-VIEW-4
EasyView Part Number	0063-80001-BUILD, 0063-80001-BUILD-UK
Recommended EasyView Options	
EasyView	24 x 0063-80001
Using H264 for 31 days	24 Channels @25pps 1080P 50% Motion



1. HDMI Port	7. LAN 2	10. CEN/LFE out
2. DP Port	8. USB 3.0	11. Surround Out
3. DVI Port	9. USB 3.0	12. SPDIF Out
4. LAN 1		13. Line In
5. USB 3.1 gen 1		14. Line Out
6. USB 3.1 gen 2		15. Mic In

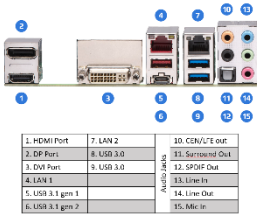
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Features	
Recording frame rate at resolution 1280 x 720	*Up to 3200 fps/sec in H.264
System Hard drive with OS	1 x NVMe 2.M 250 SSD
Graphic controller for 3 monitor output	** 1x Display Port, 1xDVI-D, 1xHDMI
Auto-rebooting after power failure	Yes
Storage	
Storage interface	SATA/SAS with RAID controller
Storage included	36Tb set for Secure Data Distribution
Storage bays	12 x 3,5" hot swap bays
RAID controller settings	3 x 12TB RAID-0 virtual discs using 3 x 4TB HDD in each (24 mByte/s)
Storage hard drive options	9 x 4TB HDD 24/7 Enterprise Discs
OS support	
OS	Windows Pro 64bit
Upgrade option; Win OS	Windows Server 2019, STD 16 Cores
CPU / Memory	
CPU Coffee Lake	INTEL Core I7-9700 3,0GHz
Memory	2 x 8GB 2400MHz DDR4 Non-ECC (16GB)
Memory Upgrade Options	To 32GB or 64GB RAM
Cooling	
Fan type	3x 80mm Hot-swap 4-pin PWM Fans 2x 80mm Rear-exhaust 4-pin PWM Fans
Hot swap Fan	5
On-Board Devices	
Keyboard / mouse	USB connector
Chipset	Intel® C226 Express PCH
Audio	HD Audio 7.1 channel connector by Realtek ALC1150
USB ports	8x USB 3.0 (4 rear + 4 via headers) 6xUSB 2.0 (2 rear + 4 via headers)
Network card	Dual Gigabit Ethernet LAN ports (1x Intel® i217LM & 1x Intel® i210AT)
Embedded RAID Controller	***
Power	
Redundant PSU	1200W (1+1) high-efficiency (94%+) AC-DC Redundant power supplies with PMBus and I2C
Power requirements	100v -240V AC/50-60Hz/920W

Management	
Power Configurations	IPMI, ACPI Power Management, Keyboard Wakeup from Soft-Off, Power-on mode for AC power recovery
Software	SuperDoctor 5, IPMI View
Dimensions / Weights	
Form Factor	2U 19" Rack Frame
Rack Rails	Yes
Dimensions (HxWxD mm)	89x437x647
Weight	Up to 32KG (Cabinet 24.95KG)
General	
Languages	25 including : English, German, French, Spanish, Dutch, Danish, Italian, Finnish
Operation conditions	Temperature range from +5°C to +35°C
Operating Relative Humidity Range	8% ~ 90% (non-condensing)
Warranty	3 years
Included accessories	1x OPTICAL MOUSE BLACK/USB PS2, CAT6 2M GREY, CAT6 2M BLUE, Power Cord schuko 2M , Power 2M UK, Rack Kit
Part number	BUILD-EASY-VIEW-5
EasyView Part Number	0063-80001-BUILD, 0063-80001-BUILD-UK
Recommended EasyView Options	
EasyView	32 x 0063-80001
Using H264 for 31 days	32 Channels @25pps 1080P 50% Motion



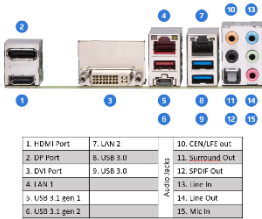
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Features	
Recording frame rate at resolution 1280 x 720	*Up to 3200 fps/sec in H.264
System Hard drive with OS	1 x NVMe 2.M 250 SSD
Graphic controller for 3 monitor output	** 1x Display Port, 1xDVI-D, 1xHDMI
Auto-rebooting after power failure	Yes
Storage	
Storage interface	SATA/SAS with RAID controller
Storage included	54TB set for Secure Data Distribution
Storage bays	12 x 3,5" hot swap bays
RAID controller settings	3 x 18Tb RAID-0 virtual discs using 3 x 6Tb HDD in each (24 mByte/s)
Storage hard drive options	9 x 6TB HDD 24/7 Enterprise Discs
OS support	
OS	Windows 10 Pro 64bit
Upgrade option; Win OS	Windows Server 2019, STD 16 Cores
CPU / Memory	
CPU Coffee Lake	INTEL Core I7-9700 3,0GHz
Memory	2 x 8GB 2400MHz DDR4 Non-ECC (16GB)
Memory Upgrade Options	To 32GB or 64GB RAM
Cooling	
Fan type	3x 80mm Hot-swap 4-pin PWM Fans 2x 80mm Rear-exhaust 4-pin PWM Fans
Hot swap Fan	5
On-Board Devices	
Keyboard / mouse	USB connector
Chipset	Intel® C226 Express PCH
Audio	HD Audio 7.1 channel connector by Realtek ALC1150
USB ports	8x USB 3.0 (4 rear + 4 via headers) 6xUSB 2.0 (2 rear + 4 via headers)
Network card	Dual Gigabit Ethernet LAN ports (1x Intel® i217LM & 1x Intel® i210AT)
Embedded RAID Controller	***
Power	
Redundant PSU	1200W (1+1) high-efficiency (94%+) AC-DC Redundant power supplies with PMBus and I2C
Power requirements	100v -240V AC/50-60Hz/920W

Management	
Power Configurations	IPMI, ACPI Power Management, Keyboard Wakeup from Soft-Off, Power-on mode for AC power recovery
Software	SuperDoctor 5, IPMI View
Dimensions / Weights	
Form Factor	2U 19" Rack Frame
Rack Rails	Yes
Dimensions (HxWxD mm)	89x437x647
Weight	Up to 32KG (Cabinet 24.95KG)
General	
Languages	25 including : English, German, French, Spanish, Dutch, Danish, Italian, Finnish
Operation conditions	Temperature range from +5°C to +35°C
Operating Relative Humidity Range	8% ~ 90% (non-condensing)
Warranty	3 years
Included accessories	1x OPTICAL MOUSE BLACK/USB PS2, CAT6 2M GREY, CAT6 2M BLUE, Power Cord schuko 2M , Power 2M UK, Rack Kit
Part number	BUILD-EASY-VIEW-6
EasyView Part Number	0063-80001-BUILD, 0063-80001-BUILD-UK
Recommended EasyView Options	
EasyView	48 x BUILD-V8-EASYVIEW-1CH
Using H264 for 31 days	48 Channels @25pps 1080P 50% Motion
EasyView	24 x 0063-80001
Using H264 for 60 days	24 Channels @25pps 1080P 50% Motion



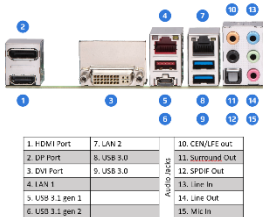
* Tested with Ernitec EasyView Version 7 and 8
** Using different cables with the on board graphic card can cause small differences to the images on the monitors connected



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Features	
Recording frame rate at resolution 1280 x 720	*Up to 3200 fps/sec in H.264
System Hard drive with OS	1 x NVMe 2.M 250 SSD
Graphic controller for 3 monitor output	** 1x Display Port, 1xDVI-D, 1xHDMI
Auto-rebooting after power failure	Yes
Storage	
Storage interface	SATA/SAS with RAID controller
Storage included	72TB set for Secure Data Distribution
Storage bays	12 x 3,5" hot swap bays
RAID controller settings	3 x 24TB RAID-0 virtual discs using 4 x 6Tb HDD in each (32 mByte/s)
Storage hard drive options	12 x 6TB HDD 24/7 Enterprise Discs
OS support	
OS	Windows 10 Pro 64bit
Upgrade option; Win OS	Windows Server 2019, STD 16 Cores
CPU / Memory	
CPU Coffee Lake	INTEL Core I7-9700 3,0GHz
Memory	2 x 8GB 2400MHz DDR4 Non-ECC (16GB)
Memory Upgrade Options	To 32GB or 64GB RAM
Cooling	
Fan type	3x 80mm Hot-swap 4-pin PWM Fans 2x 80mm Rear-exhaust 4-pin PWM Fans
Hot swap Fan	5
On-Board Devices	
Keyboard / mouse	USB connector
Chipset	Intel® C226 Express PCH
Audio	HD Audio 7.1 channel connector by Realtek ALC1150
USB ports	8x USB 3.0 (4 rear + 4 via headers) 6xUSB 2.0 (2 rear + 4 via headers)
Network card	Dual Gigabit Ethernet LAN ports (1x Intel® i217LM & 1x Intel® i210AT)
Embedded RAID Controller	***
Power	
Redundant PSU	1200W (1+1) high-efficiency (94%+) AC-DC Redundant power supplies with PMBus and I2C
Power requirements	100v -240V AC/50-60Hz/920W

Management	
Power Configurations	IPMI, ACPI Power Management, Keyboard Wakeup from Soft-Off, Power-on mode for AC power recovery
Software	SuperDoctor 5, IPMI View
Dimensions / Weights	
Form Factor	2U 19" Rack Frame
Rack Rails	Yes
Dimensions (HxWxD mm)	89x437x647
Weight	Up to 32KG (Cabinet 24.95KG)
General	
Languages	25 including : English, German, French, Spanish, Dutch, Danish, Italian, Finnish
Operation conditions	Temperature range from +5°C to +35°C
Operating Relative Humidity Range	8% ~ 90% (non-condensing)
Warranty	3 years
Included accessories	1x OPTICAL MOUSE BLACK/USB PS2, CAT6 2M GREY, CAT6 2M BLUE, Power Cord schuko 2M , Power 2M UK, Rack Kit
Part number	BUILD-EASY-VIEW-7
EasyView Part Number	0063-80001-BUILD, 0063-80001-BUILD-UK
Recommended EasyView Options	
EasyView	64 x BUILD-V8-EASYVIEW-1CH
Using H264 for 31 days	64 Channels @25pps 1080P 50% Motion
EasyView	32 x 0063-80001
Using H264 for 60 days	32 Channels @25pps 1080P 50% Motion



* Tested with Ernitec EasyView Version 7 and 8
** Using different cables with the on board graphic card can cause small differences to the images on the monitors connected



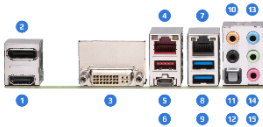
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Technical Specification BUILD-EasyView-8

Storage 90TB

Features	
Recording frame rate at resolution 1280 x 720	*Up to 3200 fps/sec in H.264
System Hard drive with OS	1 x NVMe 2.M 250 SSD
Graphic controller for 3 monitor output	** 1x Display Port, 1xDVI-D, 1xHDMI
Auto-rebooting after power failure	Yes
Storage	
Storage interface	SATA/SAS with RAID controller
Storage included	90TB set for Secure Data Distribution
Storage bays	16 x 3,5" hot swap bays
RAID controller settings	3 x 30TB RAID-0 virtual discs using 5 x 6TB HDD in each (40 mByte/s)
Storage hard drive options	15 x 6TB HDD 24/7 Enterprise Discs
OS support	
OS	Windows 10 Pro 64bit
Upgrade option; Win OS	Windows Server 2019, STD 16 Cores
CPU / Memory	
CPU Coffee Lake	INTEL Core I7-9700 3,0GHz
Memory	2 x 8GB 2400MHz DDR4 Non-ECC (16GB)
Memory Upgrade Options	To 32GB or 64GB RAM
Cooling	
Fan type	3x 80mm Hot-swap 4-pin PWM Fans 2x 80mm Rear-exhaust 4-pin PWM Fans
Hot swap Fan	5
On-Board Devices	
Keyboard / mouse	USB connector
Chipset	Intel® C226 Express PCH
Audio	HD Audio 7.1 channel connector by Realtek ALC1150
USB ports	8x USB 3.0 (4 rear + 4 via headers) 6xUSB 2.0 (2 rear + 4 via headers)
Network card	Dual Gigabit Ethernet LAN ports (1x Intel® i217LM & 1x Intel® i210AT)
Embedded RAID Controller	***
Power	
Redundant PSU	920W (1+1) high-efficiency (94%+) AC-DC Redundant power supplies with PMBus and I2C
Power requirements	100v -240V AC/50-60Hz/920W

Management	
Power Configurations	IPMI, ACPI Power Management, Keyboard Wakeup from Soft-Off, Power-on mode for AC power recovery
Software	SuperDoctor 5, IPMI View
Dimensions / Weights	
Form Factor	3U 19" Rack Frame
Rack Rails	Yes
Dimensions (HxWxD mm)	132x437x647
Weight	Up to 40.02KG (Cabinet 34.02KG)
General	
Languages	25 including : English, German, French, Spanish, Dutch, Danish, Italian, Finnish
Operation conditions	Temperature range from +5°C to +35°C
Operating Relative Humidity Range	8% ~ 90% (non-condensing)
Warranty	3 years
Included accessories	1x OPTICAL MOUSE BLACK/USB PS2, CAT6 2M GREY, CAT6 2M BLUE, Power Cord schuko 2M , Power 2M UK, Rack Kit
Part number	BUILD-EASY-VIEW-8
EasyView Part Number	0063-80001-BUILD, 0063-80001-BUILD-UK
Recommended EasyView Options	
EasyView	80 x 0063-80001
Using H264 for 31 days	80 Channels @25pps 1080P 50% Motion
EasyView	40 x 0063-80001
Using H264 for 60 days	40 Channels @25pps 1080P 50% Motion
EasyView	30 x 0063-80001
Using H264 for 90 days	30 Channels @25pps 1080P 50% Motion



1. HDMI Port	7. LAN 2	10. CEN/LFE out
2. DVI Port	8. USB 3.0	11. Suspend Out
3. DVI Port	9. USB 3.0	12. SPDIF Out
4. LAN 1		13. Line In
5. USB 3.1 gen 1		14. Line Out
6. USB 3.1 gen 2		15. Mic In



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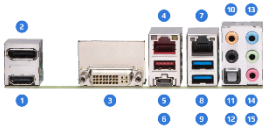
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* Tested with Ernitec EasyView Version 7 and 8
** Using different cables with the on board graphic card can cause small differences to the images on the monitors connected

Features	
Recording frame rate at resolution 1280 x 720	*Up to 3200 fps/sec in H.264
System Hard drive with OS	1 x NVMe 2.M 250 SSD
Graphic controller for 3 monitor output	** 1x Display Port, 1xDVI-D, 1xHDMI
Auto-rebooting after power failure	Yes
Storage	
Storage interface	SATA/SAS with RAID controller
Storage included	120TB set for Secure Data Distribution
Storage bays	16 x 3,5" hot swap bays
RAID controller settings	3 x 40TB RAID-0 virtual discs using 5 x 8TB HDD in each (40 mByte/s)
Storage hard drive options	15 x 8TB SAS HDD 24/7 Enterprise Discs
OS support	
OS	Windows 10 Pro 64bit
Upgrade option; Win OS	Windows Server 2019, STD 16 Cores
CPU / Memory	
CPU Coffee Lake	INTEL Core I7-9700 3,0GHz
Memory	2 x 8GB 2400MHz DDR4 Non-ECC (16GB)
Memory Upgrade Options	To 32GB or 64GB RAM
Cooling	
Fan type	3x 80mm Hot-swap 4-pin PWM Fans 2x 80mm Rear-exhaust 4-pin PWM Fans
Hot swap Fan	5
On-Board Devices	
Keyboard / mouse	USB connector
Chipset	Intel® C226 Express PCH
Audio	HD Audio 7.1 channel connector by Realtek ALC1150
USB ports	8x USB 3.0 (4 rear + 4 via headers) 6xUSB 2.0 (2 rear + 4 via headers)
Network card	Dual Gigabit Ethernet LAN ports (1x Intel® i217LM & 1x Intel® i210AT)
Embedded RAID Controller	***
Power	
Redundant PSU	1000W (1+1) high-efficiency (94%+) AC-DC Redundant power supplies with PMBus and I2C
Power requirements	100v -240V AC/50-60Hz/920W

Management	
Power Configurations	IPMI, ACPI Power Management, Keyboard Wakeup from Soft-Off, Power-on mode for AC power recovery
Software	SuperDoctor 5, IPMI View
Dimensions / Weights	
Form Factor	3U 19" Rack Frame
Rack Rails	Yes
Dimensions (HxWxD mm)	132x437x647
Weight	Up to 40.02KG (Cabinet 34.02KG)
General	
Languages	25 including : English, German, French, Spanish, Dutch, Danish, Italian, Finnish
Operation conditions	Temperature range from +5°C to +35°C
Operating Relative Humidity Range	8% ~ 90% (non-condensing)
Warranty	3 years
Included accessories	1x OPTICAL MOUSE BLACK/USB PS2, CAT6 2M GREY, CAT6 2M BLUE, Power Cord schuko 2M , Power 2M UK, Rack Kit
Part number	BUILD-EASY-VIEW-9
EasyView Part Number	0063-80001-BUILD, 0063-80001-BUILD-UK
Recommended EasyView Options	
EasyView	80 x 0063-80001
Using H264 for 31 days	80 Channels @25pps 1080P 50% Motion
EasyView	40 x 0063-80001
Using H264 for 60 days	40 Channels @25pps 1080P 50% Motion
EasyView	30 x 0063-80001
Using H264 for 90 days	30 Channels @25pps 1080P 50% Motion



1. HDMI Port	7. LAN 2	10. CEN/LFE out
2. DP Port	8. USB 3.0	11. Surround Out
3. DVI Port	9. USB 2.0	12. SPDIF Out
4. LAN 1		13. Line In
5. USB 3.1 gen 1		14. Line Out
6. USB 3.1 gen 2		15. Mic In



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