ENVS Specifications:

Hardware Specification	
CPU	AMD 8 core CPU
Motherboard	Gigabyte GA motherboard
RAM	16 GB DDR3 Dual Channel DIMM (2*8 GB)
Video Card	Asus Simultaneous Quad output video card (HDMI * 1, VGA * 1, DVI *2)
O/S Drive	120 GB SSD (Contains Windows O/S and NVR program software)
Power Supply	450 watts
Case	4U Rack Mount case with 6 internal 3.5" HDD bays & 3 front panel 5.25" bays
Cooling Fans	2 x ø80mm, 1 x ø120mm
Keyboard / Mouse	Wired type included
DVD ROM	24X SATA DL RW type
Ethernet ports	1 Realtek Gigabit Ethernet port on main board 2 * Gigabit Ethernet ports via Dual Port GB Ethernet Card
USB ports	Front: 2 * USB 3.0, Back: 8 * USB 2.0, 2 * USB 3.0
Firewire ports	1
SATA ports	8 eSATA 3.0
RAID	Support for RAID 0, RAID 1, RAID 5, RAID 10, and JBOD
Audio	6 * audio jacks (Center/Subwoofer Speaker Out/Rear Speaker Out/Side Speaker Out/Line In/Line Out/Mic In) 1 * S/PDIF Digital Out
Expansion Slots	2 x PCI Express x16 slots, running at x16 1 x PCI Express x16 slot, running at x8 2 x PCI Express x16 slots, running at x4 1 x PCI Express x1 slot 1 x PCI slot
Software	
O/S	Windows 7 Professional
Applications	EverFocus IP Surveillance Software
Antivirus	Norton Internet Security 90-day OEM Trial
Electrical	
Input Operating Voltage	100 ~ 240VAC
Input Operating Power	450W max.
Physical Properties	
Enclosure Material	Aluminum alloy
Physical Dimensions	17.75" x 17.5" x 7.0" (L x W x H)
Approximate Weight	30 pounds nominal with 4HDD

Software System Specification	
IP video channels	8 camera licenses included; expandable in units of 4 licenses.
Supported Cameras	EverFocus brand, ONVIF, plus over 2,000 other models (see separate list)
Recording / playback rate	Up to 30 IPS / channel
Total recording rate	System supports nominally 64 x 2 Megapixel IP cameras recording at 30 FPS; actual capacity depends on total bandwidth from all cameras
View modes	Multiple
Recording resolution	Depends on the camera model. Up to2048 x 1536 for EverFocus 3mpix cameras.
Compression format supported	H.264 / MJPEG / MPEG4 (streamed from camera)
Audio	Bidirectional transmission, 1 audio channel per video channel (depending on specification of IP - device)
Alarm I/O	Support of I/O contacts of connected IP devices (depending on specification of IP - device)

Menu Language Support	Danish, English, German, Finnish, French, Greek, Italian, Japanese, Korean, Portuguese, Russian, Slovakian, Spanish, Thai, Czech, Turkish, Hungarian, Chinese
E-Map	Unlimited number of maps or other graphics with free placement of camera or I/O icons
Monitor output	Up to 4 monitors
Bandwidth monitor	Optional OSD display of individual network bandwidth per camera and total streaming bandwidth
Database management	Integrated database management tool for reconstructing, repairing or relocating database and export option for configuration file
Live View	
Video Analytics	General motion, missing object, camera occlusion, foreign object, loss of focus, signal lost. Eeach alarm can trigger up to 10 different event reactions
PTZ	PTZ control in OSD or with EKB500 Joystick for PTZ - cameras; Digital software PTZ for all cameras
Recording methods	continuous, schedule, event (motion / contact)
Schedule	individual for each camera, daily schedule with 6 possible recording modes
Recording rates	1~30 IPS adjustable for each camera (depending on camera specification)
Playback	
Multi-channel Playback	up to 16 channels time synchronized
Search functions	Time / Date via calendar and time bar; intelligent search with modes general motion, missing object, camera occlusion, foreign object, signal lost
Video enhancement	saturation, contrast, brightness, sharpness
Video export	Snapshot in JPEG format, video export in AVI or ASF format
Video backup	Backup of multiple camera video data to local / network video drive or CD/DVD
Remote Access	
Remote video access methods	• Remote client software live view (up to 2 windows with up to 16 x view each at 1 PC) , • Remote client software playback view (up to 16 x view) with remote backup function (multiple channel backup up to 16 channels) • Web browser (live / playback with up to 16 x view), • Mobile phone/PDA/tablet app • No limit for number of installations for all remote applications
Max. number of remote video channel access	128 video channels total
Remote maintenance	Remote desktop viewer allows complete network access to ENVS800 NVR (1 monitor display only supported) including configuration