ViconNet Web Server

- Single IP address for virtual matrix style access to entire system
- Browser-based thin client interface for live and archived viewing
- Live view of up to 16 cameras simultaneously from web interface
- Simultaneous playback of up to 16 cameras from web interface
- Select cameras from the device list or camera groups
- Supports display of up to 1080P resolution video streams
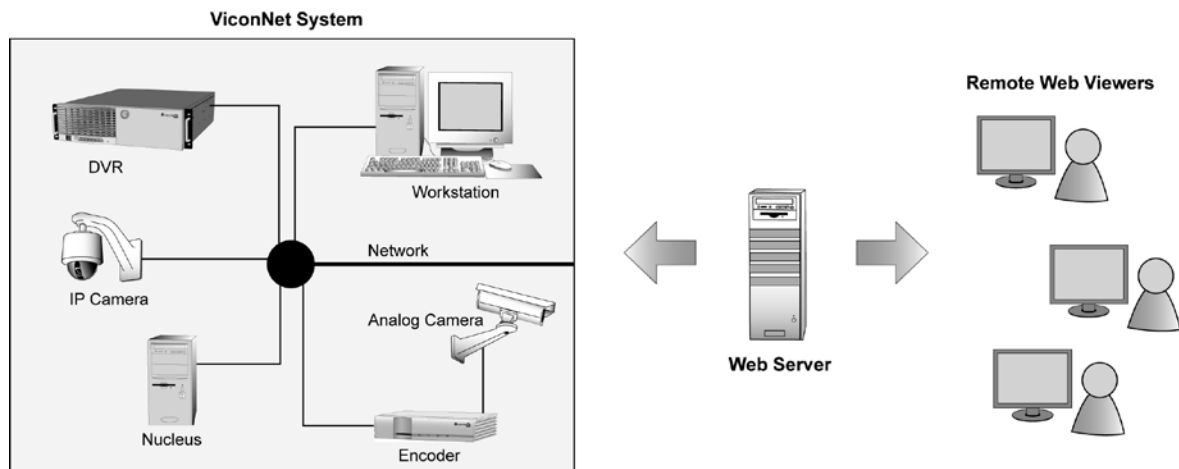- Compatible with ViconNet versions 4, 5 and 6

Overview

The ViconNet® Web Server is designed to allow authorized security managers and operators to select and control video displayed from a browser-based interface. The server acts as a virtual matrix to the ViconNet network video system without any requirement to install and maintain client based software.

The application leverages a standard browser interface such as Internet Explorer®, Firefox®, Chrome™ and Safari®. The browser interface utilizes Microsoft®'s Silverlight® technology that eliminates any requirements to download a plug-in.

There are two options for the Web Server deployment, either run it on the system Nucleus (assumes a dedicated Nucleus PC and up to 10 concurrent web viewers) or on its own dedicated server as a full service, which allows a higher number of concurrent users (up to 25 tested).

Typical System Installation

www.vicon-security.com

Minimum System Specifications
(for software installation)

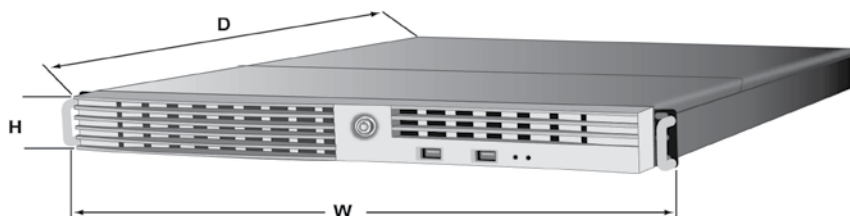|	
Minimum PC Requirements:	Microsoft Windows®XP, 7 or Server 2008 operating system; Intel® Core™ i5 processor; 4 GB RAM; 250 GB hard drive; 1 GB LAN card; video card with 128 MB memory.
Approved Browsers for Web Viewer:	Internet Explorer, Google Chrome, Firefox® (Mozilla®) and Safari.
ViconNet Minimum Requirements to Run Service:	Compatible with ViconNet versions 4.x, 5.x and 6.x.

Electrical Specifications

Input Voltage:	105-240 ±10% VAC, 50/60 Hz.
Current:	0.6 A @ 115 VAC; 0.3 A @ 240 VAC.
Power Consumption:	69 W nominal.
Heat Output:	242 btu/hour.
Power Connector:	Standard 3-conductor female socket.
CPU:	Intel® Core™ i5.
Memory:	4 GB.
OS:	Windows 7 Embedded*, 64 bit.
Network Interface:	100/1000 Base T Ethernet interface on main board.

Note: Vicon requires the use of uninterruptible power supply systems (UPS) to prevent voltage fluctuations that can affect operation and cause damage to the equipment. Failure to comply voids the warranty.

* If a full Windows O.S. is required, contact your Vicon Sales Representative.

Web Viewer GUI Features

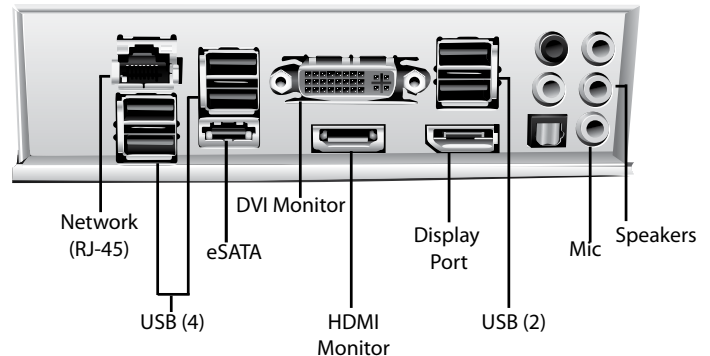|	
Live View:	Up to sixteen cameras can be displayed simultaneously. (MPEG-4 video will not be displayed from any IP camera.)
Playback:	Quick playback, playback from time/date or playback from database storage. Fast forward and rewind at selected speed or pause video.
Display Modes:	Single, quad (2x2), six (3x2), nine (3x3), sixteen (4x4) and full screen options.
PTZ Controls:	Pan, tilt and zoom; autopan with speed control. Focus (near/far), iris (open/close) and autoiris. Lens speed. Up to 99 presets can be programmed and recalled.
Alarms:	Notification of alarms received by the system running the Web Server. Alarm acknowledgement.
Log Files:	Save log files as required for support.

Mechanical Specifications

Dimensions:	Rack: 1.75" (44.45 mm) H x 19" (483 mm) W x 16" (406 mm) D, including connectors. Desktop: 6.59 in. (167.5 mm) H x 2.13 in. (44 mm) W x 6.59 in. (167.5 mm) D.
Weight:	Rack: Approximately 14 lb (6.4 kg). Desktop: Approximately 7.5 lb (3.4 kg).

Rear Panel Connections

Dimension Guide

Models and Descriptions

Model Number	Description
VN-WEB-SYSTEM	Preconfigured tower PC that contains ViconNet Web Server software VN-WEB-SW
VN-WEB-SYSTEM-R1	Preconfigured rack-mount PC that contains ViconNet Web Server software VN-WEB-SW
VN-WEB-SW	ViconNet Web Server software that can be installed on customer PC that meets minimum requirements

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Specifications subject to change without notice.