Watchport™/V

Inside Out NETWORKS

Digi
Connectware™
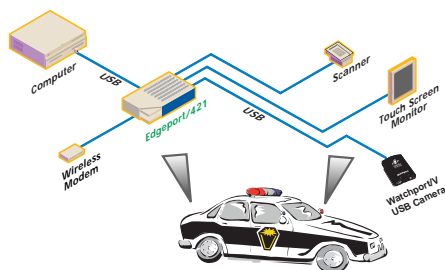
Windows NT 4.0-Compatible Industrial USB Camera

Watchport/V, the first USB digital PC camera with Windows® NT 4.0 support, is a cost-effective, high-performance solution for enterprise applications such as kiosks, POS, ATMs, mobile computing, and others utilizing camera surveillance. With USB frame rates up to 60 fps at 160 x 120, enhanced resolution up to 1280 x 960, and automatic low light adjustment (<1 lux), this industrial-grade USB camera delivers exceptional picture quality. Plug-and-play installation means easy integration of Watchport/V into any new or existing application.

USB

Mobile Computing

Low Light Sensitivity for Exceptional Picture Quality

▶ Enhanced resolution up to 1280 x 960

▶ Adjustable lens (<1 inch to infinity); optional lens package available with 3mm wide angle; 8mm close-up, 12mm telephoto

▶ Create a made-to-order 24/7 asset monitoring system with Watchport/V USB Camera and Watchport Sensors

▶ Microsoft Video for Windows and TWAIN scanner software support

▶ Manual and automatic gain and shutter control, automatic white balance (AWB), manual color balance, color saturation controls and more

▶ Streaming video transmissions utilizing VLCE lossless compression technology

▶ Equivalent to 3Com HomeConnect™ PC Digital WebCam (#3718)
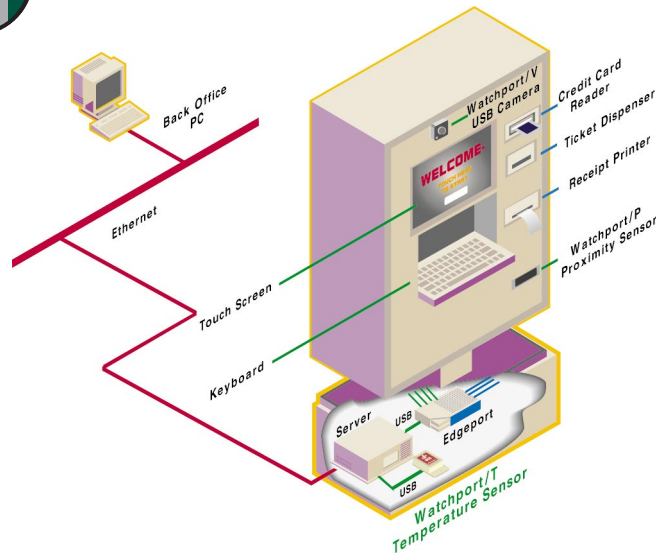
Get out of the box today.

The Leader in Enterprise USB Connectivity **www.ionetworks.com**

Watchport/V Products and Part Numbers

WATCHPORT/V

NAME	DESCRIPTION	PART #
Watchport/V	USB Digital Camera	301-9010-01
Lens Package (Optional)	3mm Wide Angle, 8mm Close-Up, 12mm Telephoto	301-9015-01

Each Watchport/ V ships with detachable 2-meter USB cable.

Point-of-Sale

To view our entire line of USB solutions visit our website at www.ionetworks.com

Watchport/V Technical Features and Specifications

SPECIFICATIONS

- Low light sensitivity (<1 lux)
- Resolutions: 1280x960 (software enhanced), 640x480, 352x288, 320x240, 176x144, 160x120 and 128x96
- Maximum frame rates by resolution:
    - 15 fps at 640 x 480
    - 30 fps at 320 x 240
    - 60 fps at 160 x 120
- Exposure control: manual and automatic gain and shutter control, automatic white balance (AWB), manual color balance; color saturation controls
- Color formats: 16.8 million TrueColor (24 bit RGB), RGB555
- Grayscale formats: YUV16, YUV12, YUV9 and 256 (8 bit B&W)
- Compression: VLCE lossless compression technology
- Lens: removable 4.9mm F:2.0 adjustable focus (optional lens package available)

- Sensor: color CCD
- Scan frequencies: 60, 50 ,30, 25, 15, 12.5, 7.5, 6.25, and 4 Hz
- Shutter rate controls: 1/4 second to over 1/30,000 second

SYSTEM REQUIREMENTS

- Supported OS: Windows 95 (OSR2), 98, 2000, NT 4.0*, NT Embedded, XP, XP Embedded
- 1 available USB port
- 32 MB RAM, 2 MB free hard disk space
- * Requires Inside Out Networks NT 4.0 USB stack running on host PC

POWER REQUIREMENTS

- No external power supply needed (USB-powered)

DIMENSIONS

- Height: 1.5 in (3.81 cm)
- Width: 2.5 in (6.35 cm)
- Length: 3.5 in (9.04 cm)
- Weight: 4.5 oz (127.57 g)

STANDARDS AND PROTOCOLS

- H.323
- H.324 compatible
- Microsoft Video for Windows
- TWAIN scanner software support

Inside Out Networks

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Watchport/V