WATCHPORT® VISION SERIES

Create a cost-effective security, surveillance or asset monitoring system with USB hardware and software vision components

The Watchport Vision Series is built upon the high performance Watchport/V2 and Watchport/V3 USB cameras. These cameras offer exceptional low light sensitivity, 30 fps USB frame rates at all resolutions, and enhanced resolution to deliver optimal picture quality, making them ideal for kiosks, ATMs, point-of-sale, ID badging, mobile computing, webcam or any mission-critical application utilizing camera surveillance.

The Watchport Series is the first line of plug-and-play USB devices for 24/7 environmental monitoring. Asset monitoring is a key issue in reducing total cost of ownership by pre-empting system failures, extending the life of equipment,

and reducing downtime in mission-critical applications like branch server room management and equipment room monitoring. Camera components for surveillance may be paired with sensors for proximity, water, temperature and humidity to create a made-to-order monitoring system.

Applications for the Watchport Vision Series include controlling access to cash registers, complying with HIPAA for medical patient data, protecting confidential information at a human resources kiosk, or monitoring critical assets, just to name a few.

BENEFITS

– Easy installation and configuration; USB-powered

– Microsoft Windows compatible

– Cameras offer exceptional low light sensitivity

– Non-interlaced camera model offers even higher quality pictures

– Access cameras over an IP LAN with AnywhereUSB®

– Compatible with ConnectPort® WAN and Digi Connect® WAN 3G cellular routers, ConnectPort® X gateways for access over cellular and IP WANs

APPLICATION EXAMPLE

PC

BADGE PRINTER

USB

New Employee
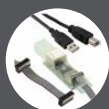
WATCHPORT® USB CAMERA
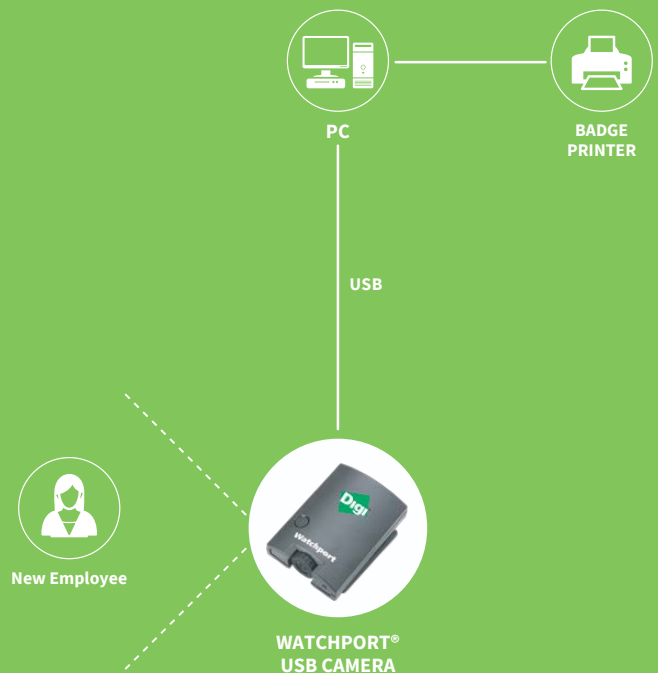
RELATED PRODUCTS

Watchport® Sensors

AnywhereUSB®

Hubport®

Rapidport/4®

Cables and Accessories

CREATE AFFORDABLE ID BADGING SYSTEMS WITH WATCHPORT®

Photo ID badging is a popular and effective means of identification in environments such as medical facilities, office buildings, factories and prisons. However, the typical camera and video capture card systems required to use photo ID badging software can be cost-prohibitive.

The Watchport USB camera is an affordable alternative. It is easy to integrate with ID badging software, eliminating expensive cameras and video capture cards for building access control, time and attendance tracking, and even recording employee transactions at the company cafeteria.

- Exceptional low light sensitivity—automatically adjusts to varying light conditions and skin tones, enabling a high volume of photos to be taken in a short period of time
- Compatible with major badging application software packages
- DirectShow and TWAIN/AVI compatibility means easy application integration
- Enterprise-grade solution will be available indefinitely, unlike consumer-grade cameras that require periodic retesting and recertification
- Lower cost than typical camera and video capture card system

SPECIFICATIONS	Watchport®/V2, Watchport®/V3
GENERAL FEATURES	
LIGHT SENSITIVITY	<1 lux
ADJUSTABLE RESOLUTIONS	1280 x 960 (software enhanced); 640 x 480; 352 x 288; 320 x 240; 176 x 144; 160 x 120; 128 x 96
FRAME RATES	30 fps max at all resolutions
LENS	Included: Removable 4.9 mm lens; F:2.0 adjustable Optional lens package with 3 mm wide angle (green), 8 mm close-up (red), 12 mm telephoto (blue)
EXPOSURE CONTROLS	Manual and automatic gain and shutter control; Automatic White Balance (AWB); Manual color balance; Color saturation
COLOR FORMATS	16.8 million TrueColor (24 bit RGB), YUY2, UYVY
MOTION JPEG COMPRESSION	Yes
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
OPERATING SYSTEMS	Windows XP®, Windows® XP Embedded, Windows NT® 4.0*, Windows NT Embedded*, Windows Server® 2003, Windows 2000
STANDARDS AND PROTOCOLS	Microsoft DirectShow WDM; Microsoft Video for Windows; TWAIN
MOUNTING (OPTIONAL)	Wall mount, Clamp mount
DIMENSIONS (L X W X H)	3.5 in x 2.5 in x 1.5 in (9.0 cm x 6.4 cm x 3.8 cm)
WEIGHT	4.5 oz (127.6 g)
OTHER	Non-interlaced model for even higher quality pictures (Watchport/V3)
POWER REQUIREMENTS	
POWER SUPPLY	USB powered; No external power supply required
ENVIRONMENTAL	
OPERATING TEMPERATURE	32° F to 149° F (0° C to 65° C)
RELATIVE HUMIDITY	0% to 95% (non-condensing)
APPROVALS	
SAFETY	EN60950, UL 1950, CSA 2.2 No. 950, IEC 950
EMISSIONS/IMMUNITY	CE, FCC Part 15 Class B, EN55022, EN55024

DIGI

PRODUCT DIMENSIONS

1.5"

2.5"

3.5"

PART NUMBERS	DESCRIPTION
301-9015-01	Watchport USB Camera Lens Pack
301-9018-01	Watchport Camera Wall Mount
301-9019-01	Watchport Camera Clamp Mount
301-9010-01	Watchport/V2 USB Camera
301-9010-02	Watchport/V3 USB Camera - Non-interlaced model

FOR MORE INFORMATION
PLEASE VISIT WWW.DIGI.COM

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