



USB SECURITY
AND MONITORING
SOLUTIONS



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,

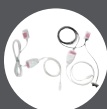
and reducing downtime in mission-critical applications like branch server room management and equipment room monitoring. Camera components for surveillance may be paired with sensors for proximity, water, temperature and humidity to create a made-to-order monitoring system.

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

RELATED PRODUCTS



Watchport®
Sensors



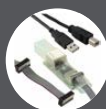
AnywhereUSB®



Hubport®

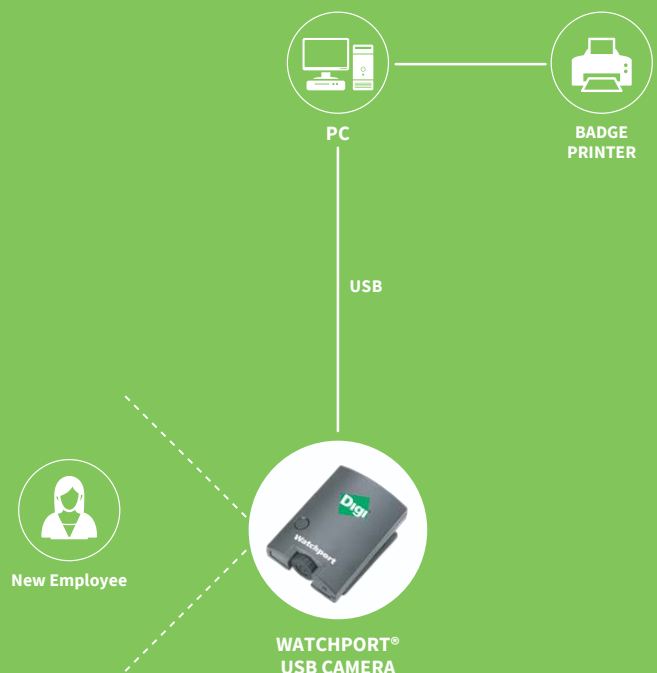


Rapidport/4®



Cables and
Accessories

APPLICATION EXAMPLE



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	

PRODUCT DIMENSIONS



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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