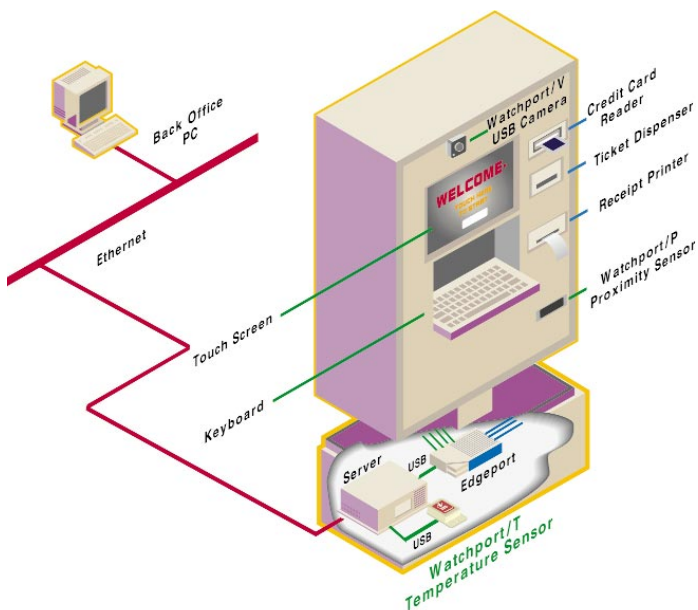# Watchport™/T

Inside Out NETWORKS™

Digi®

Connectware™

Protect Equipment from Extreme Temperature Changes

The Watchport/T Temperature Sensor is the first Plug-and-Play USB device for monitoring the temperature of equipment and facilities in mission-critical environments like branch server rooms, kiosks, warehouses or factory floors. Watchport Manager software provides centralized device status and historical data logging, and allows the integration of multiple Watchport devices without additional software development The fully customizable software enables users to receive email, beeper or phone alerts when the temperature falls outside the user-specified range, making it ideal for remote monitoring. For added flexibility, the sensing device may be placed up to 152 meters (500 feet) from the host PC. Create a made-to-order 24/7 environmental monitoring system with Watchport/T or any of the Watchport solutions to pre-empt costly damage and system downtime.

USB **Point-of-Sale**

Easy USB Installation and Complete Software Customization for Remote Temperature Monitoring

▶ Prevent costly damage to equipment with early detection of undesirable temperatures in environments like server rooms, kiosks and warehouses

▶ Watchport Manager Windows-based software included at no additional cost; provides centralized device status and supports data logging to preserve historical information; sensor API included for easy integration into existing applications

▶ USB-attached sensor is easy to install, cost-effective, does not require an external power supply and operates with low power consumption

▶ Remotely monitor and configure multiple Watchport Sensors on an IP network with AnywhereUSB™ Remote I/O Concentrator

▶ Supports Windows 2,000, NT 4.0, NT Embedded, CE, Me, XP, XP Embedded, 98 and 95

Back Office PC

Ethernet

Touch Screen

Keyboard

Watchport/V USB Camera

Credit Card Reader

Ticket Dispenser

Receipt Printer

Watchport/P Proximity Sensor

WELCOME!

Server USB Edgeport

USB

Watchport/T Temperature Sensor

Get out of the box *today.*

Watchport Series Products and Part Numbers

WATCHPORT MONITORS

NAME	DESCRIPTION	PART #
Watchport/H	Humidity & Temperature Sensor	301-1141-01
Watchport/P	Proximity Sensor	301-1143-01
Watchport/T	Temperature Sensor	301-1144-01
Watchport/W	Water Detector	301-1145-01

WATCHPORT VISION

NAME	DESCRIPTION	PART #
Watchport/V	USB Camera	301-9010-01
Watchport/VE	Video Encoder	301-9020-01

*All Watchport Monitors include Watchport Manager software, 1 meter USB cable and 2 meter cable terminated in RJ-45 connector.

Point-of-Sale

Industrial Automation

Watchport/T sidebar text

Watchport/T Technical Features and Specifications

FEATURES

- Includes USB-attached base unit, RJ-45-attached sensing device and Watchport Manager software
- Utilizes ASCII command interface
- Watchport Manager software sends email, beeper or phone alerts for remote monitoring
- Includes 2 m (6.56 ft) cable terminated in RJ-45 connector and 1 m (3.28 ft) USB cable
- Extend distance between base and sensing device with CAT 5 UTP cable, or use crimping tools to shorten cable

SPECIFICATIONS

- Temperature accuracy: +/- 2°C (+/- 3.6°F) at -40°C to -10°C (-40°F to 14°F) and +/- 0.5°C (+/- 0.9°F) at -10°C to 85°C (14°F to 185°F)
- Temperature resolution: 0.1°C
- Maximum measurement rate: 1 per second

- Power consumption: 15 mA (normal); 1.0 mA (suspend mode)
- Maximum CAT 5 UTP cable range: 152.46 m (500 ft)
- Maximum USB cable range: 5 m (16.40 ft)
- Base unit operating temperature range: 0°C to 65°C (32°F to 149°F)
- Sensing device operating temperature range: -40°C to 85°C (-40°F to 185°F)

SYSTEM REQUIREMENTS

- Supported OS: Windows 2000, NT 4.0*, NT Embedded, XP, XP Embedded, Me, 98, 95 (OSR2)
- 1 available USB port
- * Requires Inside Out Networks NT 4.0 USB stack running on host PC

POWER REQUIREMENTS

- No external power supply needed (USB-powered)

SENSING DEVICE DIMENSIONS

- Height: .69 in (1.75 cm)
- Width: 1.19. in (3.02 cm)
- Length: 2.12 in (5.40 cm)
- Weight: 3 oz (85.05 g)

USB BASE DIMENSIONS

- Length: 3.15 in (8.0 cm)
- Height: 0.80 in (2.03 cm)
- Width: 1.75 in (4.44 cm)
- Weight: 3 oz (85.05 g)

CERTIFICATIONS

- FCC Part 15, Class B
- CE Certified: EN 55022, 55024, 60950
- UL 1950
- CSA 22.2 No. 950
- IEC-950

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