**General Description**

BLUEport is an external adapter, enabling laptop PCs, desktop PCs and other USB host enabled devices to interface to Bluetooth. Supports Bluetooth printing in combination with BLUEprint (Bluetooth Printer Adapter).

**Features**
- Bluetooth 1.0B + Critical Errata
- Data rates up to 460 kbps
- Proprietary wireless printing supported (requires BLUEprint)

**Supported Application Profiles**
- Generic Access
- File Transfer
- Serial Port
- Dial-up Networking
- LAN Access
- Proprietary Printing

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**BLUEport Specifications**

**Radio Specifications**
- Frequency Range: 2.4 - 2.4835 GHz
- Programmable for Specific National Regulations
- Supported Bluetooth: 1.0B + Critical Specification
- RF Output Power: 0 dBm, Power Class 3
- Power Management: Active Power Saving Modes
- Receiver Sensitivity: Better than -70 dBm at 0.1% BER
- Modulation and Frequency Hopping: Spread Spectrum (FHSS) with Gaussian Frequency Shift Keying (GFSK) 1 Mbps
- Antennas: Internal
- Compliance: FCC part 15, UL 1950 (US), ETS 300 328, ETS 300 826, EN 60 950 (Europe)

**Electrical Characteristics**
- Power Supply: 5V DC from USB connector
- Current Consumption: 60 mA max., 0.5 mA min.
- USB Specification: Ver. 1.x
- Physical Interface: USB connector
- LED Indicators: Power On, Data Traffic

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**BLUEflash Specifications**

**Radio Specifications**
- Frequency Range: 2.4 - 2.4835 GHz
- Programmable for Specific National Regulations
- Supported Bluetooth: 1.0B + Critical Errata
- RF Output Power: 0 dBm, Power Class 3
- Power Management: Active Power Saving Modes
- Receiver Sensitivity: Better than -70 dBm at 0.1% BER
- Modulation and Frequency Hopping: Spread Spectrum (FHSS) with Gaussian Frequency Shift Keying (GFSK) 1 Mbps
- Antennas: Internal
- Compliance: FCC part 15, UL 1950 (US), ETS 300 328, ETS 300 826, EN 60 950 (Europe)

**Environmental Specifications**
- Operating Temperature: -15°C to +25°C
- Storage Temperature: -15°C to +35°C
- Humidity: 30% to 95% non-condensing

**Configuration and Security**
- Configuration and Security
- Configuration and Security
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- Configuration and Security

**Dial-up Networking**

**Mechanical Specifications**
- Dimensions (mm): 46 x 43 x 6 mm
- Weight: 15 g
- Operating Temperature: -15°C to +25°C
- Storage Temperature: -15°C to +35°C
- Humidity: 30% to 95% non-condensing

**Electrical Characteristics**
- Power Supply: 3.3 V from Flash Card connector
- Current Consumption: 70 mA max.
- USB Specification: Ver. 1.x
- Flash Card Reader: Type I Compact Flash Card only
- LED Indicator: Power On, Data Traffic
BLUEprint is a Bluetooth printer adapter that provides a parallel Centronics interface to a printer. The adapter works exclusively with BLUEcard (Bluetooth PC Card) and BLUEflash (Bluetooth Compact Flash Card). The maximum distance for printing is up to 10 m. A PC-based printer installation is required.

**FEATURES**

- Bluetooth 1.0B + Critical Errata
- Centronics Standard Parallel Port
- Data rates up to 460 kbps
- Supports Deskjet, Colour Jet, Bubble Jet printer models (May require power supply)
- Upgradable Firmware

**SUPPORTED APPLICATION PROFILES**

- Generic Access
- Proprietary Printing

**BLUEcard Specifications**

**Radio Specifications**

- **Frequency Range**: 2.4 - 2.4835 GHz
- **Power Output**: 0 dBm, Power Class 3
- **Receiver Sensitivity**: Better than -70 dBm at 0.1% BER
- **Antennas**: Internal
- **Compliance**: FCC part 15, UL 1950 (US), ETS 300 328, ETS 300 826, EN 60950 (Europe)

**Mechanical Specifications**

- **Dimensions (mm)**: 92 x 54 x 5 mm including connector
- **Temperature**: ±0˚C to +55˚C
- **Humidity**: 5-95% non-condensing

**Configuration and Security**

- **Drivers and Windows CE 3.0, Supported Window 95/98/2000/NT4**
- **PC Card Software**
- **Upgrade**
- **Initialization**: 4 digit PIN code
- **Authentication**: Security mode 2 supported
- **Encryption**: Supported

**Radio Specifications**

- **Frequency Range**: 2.4 - 2.4835 GHz
- **Power Output**: 0 dBm, Power Class 3
- **Receiver Sensitivity**: Better than -70 dBm at 0.1% BER
- **Antennas**: Internal
- **Compliance**: FCC part 15, UL 1950 (US), ETS 300 328, ETS 300 826, EN 60950 (Europe)

**Mechanical Specifications**

- **Dimensions (mm)**: 58 x 60 x 19 mm including connector
- **Temperature**: ±0˚C to +55˚C
- **Humidity**: 5-95% non-condensing

**Configuration and Security**

- **Drivers and Windows CE 3.0, Supported Window 95/98/2000/NT4**
- **PC Card Software**
- **Upgrade**
- **Initialization**: 4 digit PIN code
- **Authentication**: Security mode 2 supported
- **Encryption**: Supported

**Support for**

- Bluetooth 1.0B + Critical Errata
- Data rates up to 460 kbps
- Bluetooth printing supported (requires BLUEprint)
- Easy installation and configuration with Windows CE 3.0, Windows 95/98/2000 and NT4

**SUPPORTED APPLICATION PROFILES**

- Generic Access
- File Transfer
- Serial Port
- Dial-up Networking
- LAN Access
- Proprietary Printing

* Proprietary Bluetooth Printing