

Bluetooth/USB Adapter for Medical Devices

Overview of Technology:

UHN's Medical Device Data Interface Adapter is a clinically-proven, reliable and inexpensive device tailored to enable the provision of low cost remote patient and vital sign monitoring solutions for chronic and acute disease management. It allows standalone medical devices, such as glucometers, to transmit data seamlessly via Bluetooth or USB to mobile phones, PCs, or other dedicated access points.

Key Features

- **Multiple Device Connectivity** – Integrates with market-leading LifeScan glucometers, Firmware upgradeable to support other 3-wire serial medical devices
- **Low-Cost Solution** – By-passes the significant investment and high per-unit costs required to enable medical device connectivity that has been identified as the critical barrier to remote monitoring adoption
- **Continua Health Alliance Certification** – Architecture is developed to support Version 1 guidelines including Bluetooth and USB Personal Health Device profiles to guarantee future interoperability
- **Long Battery Life** – Powered by a lithium-ion rechargeable battery allowing easy recharging through its mini-USB port
- **Clinically-Proven** - High reliability through remote patient monitoring trials
- **Developed for Real Health-Care Needs** – Development was based on the real needs of patients and health-care providers and the reliability that the health-care industry demands

Licensing Opportunity

UHN's technology is currently available for full product licensing on an exclusive or non-exclusive basis. UHN's engineers can support a program through continued product development for new device interoperability and regulatory approval. As an active member of the Continua Health Alliance, UHN is committed to having the adapter as one of the first devices designed under the emerging Continua Health Alliance version 1 guidelines.



Glucometer and adapter

Dimensions	58mm x 35mm x 12mm
Radio	Bluetooth 2.0, Class 2
Battery	Built-in rechargeable lithium-ion, charge using mini-USB
Firmware	Updates over Bluetooth and USB
Supported Devices	Blood Glucose Meters: LifeScan OneTouch Ultra, Ultra2, UltraMini

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