



# WatchLink

## Features

Ready-to-Go for simple SMS controlled I/O applications

Small highly integrated GSM Pod (65x85mm)

Direct interfacing to industrial equipment using robust I/O interfaces

External interfaces for optional GPS, Serial, Audio and AT controlled devices

Uses Nokia 12 GSM engine which supports GSM/GPRS communications

Java with remote IMlet downloading for further application development

Easy setup of I/O and M2M parameters with Windows Configurator software

8 digital inputs and 4 mosfet outputs. Dual buffered analogue inputs

Dual RS232/TTL Serial ports & RS485. Analogue audio interface

Status Indications and Test function. SIM Card Connector

Available in a DIN rail enclosure or on a pre-drilled plastic base plate

## Remote control and monitoring over the GSM network

The *WL-2 GSM Pod* is designed for quick and easy integration into your products and assets such as security panels, control appliances and plant equipment to allow remote monitoring and control capability over the GSM/GPRS network. The *WL-2 Pod* will especially appeal to System Integrators and Original Equipment Manufacturers who want to add wireless connectivity to their systems and products.

The Pod can be programmed easily over a standard serial cable using the Configurator software. With this Windows based program, you can set the *WL-2* to various operating modes such as AT command and User Control modes. You can also set up the Pod for other M2M applications such as direct data communications to your own Company servers and the Internet.

By using the User Control mode in the Configurator software, you can be up and running very fast with standard I/O applications for remote sensing and control over the GSM network. You can easily program the Pod with the alarm and control messages that need to be sent and received using SMS text messages and your mobile phone. A prepaid SIM card is sufficient for most applications.



*WL-2 GSM Pod*

The wide choice of wireless bearers supported by the *WL-2 GSM Pod* allows the choice of the most appropriate one for the application. The bearers include EDGE, GPRS, HSCSD, CSD and SMS. You can of course further develop your own application programs using the Java programming language.

With the *WL-2 GSM Pod* your application will be ready for evolving needs in the fast growing markets of M2M.

## WatchLink GSM Ltd

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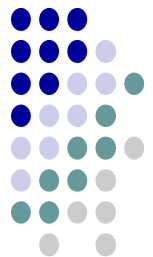
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## Monitor Equipment

- Factory
- Remote sites
- Banks
- Schools
- Hospitals
- Home
- Vehicles

## Applications

- Security/Access
- Water Treatment
- Vending
- HVAC
- Environmental
- Transport
- Automation





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## Features

User programmable with Windows based PC program

Receive Specific Alarm messages on your mobile phone

Control equipment and appliances remotely using mobile phone

Industrial grade Inputs and Outputs using Isolators and Relays

Visual indication of all Inputs and Outputs

Compact IP55 rated Enclosure which can be wall mounted

Test switches on all inputs

Interface for serial communications monitoring eg. PLC (optional)

Easy accessible and robust connectors for external devices

Extensive security features such as password and Auto Pin

Interface for internal GPS module (optional)

Uses Nokia 12 java based GSM Pod (WL-2)

## Remote control and monitoring over the GSM network

The flexible configuration of the *WL-1B* unit allows it to be used in a variety of applications including remote sensing of switches, sensors and security devices and also control of equipment such as lights, pumps and actuators. Using the *WL-2 Pod* as its GSM engine, the *WL-1B* comes in a robust waterproof enclosure that includes user connectors and Mains rated power relays.

The unit can be programmed with its own configuration using an easy to use PC program. Alarm messages from activated inputs are sent as specific SMS text messages to pre-defined mobile phone numbers and the status of the unit can be interrogated remotely. The high current output Relays can be switched ON or OFF remotely using SMS text messages from authorised mobile phone users.

The unit employs extensive security features which prevent unauthorised use such as password protection, Auto Pin feature and Authorised mobile phone numbers. PrePaid SIM cards can be used for most applications.

The *WL-1B* includes Industrial grade Inputs and Outputs by using optical isolated digital inputs and high current Mains rated Relay outputs. The user connectors are easy accessible screw terminals or plug in connectors. All the inputs have visual indication with test switches for alarm simulation. The status of the Relays are also indicated visually.

The unit supports GSM standards that are in use worldwide. The *WL-1B* unit will especially appeal to Security and Automation Integrators who want to add wireless connectivity to their remote assets and products.



WL-1B



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