



WEBFLEX
WEB-ENABLED REMOTE MONITORING
AND DATA LOGGING

REMOTE PROCESS MONITORING

WEBFLEX

WEBFLEX is the first stand-alone remote monitoring device that will *seamlessly web-enable your installed equipment without having to replace or upgrade it*. Your key system parameters (analogue and digital) can now be monitored from any computer - anywhere in the world - with a standard web browser. **Webflex** has an embedded webserver allowing it to function as a website, thereby eliminating the need for proprietary software. All you need is a standard web browser and the **Webflex** on-line when you need it, making it the world's first practical and secure industrial monitoring Internet solution.



Easy terminal access

Application Flexibility

- Remotely monitor virtually any instrumentation from any manufacturer over the internet.
- Monitors LEVEL, PRESSURE, FLOW, TEMPERATURE, PH, CONDUCTIVITY
- Plug in GSM, GPRS or PSTN modem options for maximum flexibility.
- No special software, monthly charges for data or expensive user licenses required.
- Multiple users can access the same information simultaneously and a choice of options allows different levels of security access.



Clear display of information

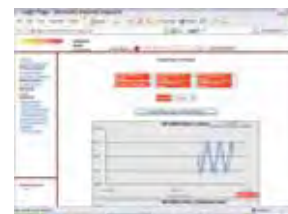


USB-A / USB-B / RJ45 / RJ11

Remote Inventory Management

Inventory monitoring on site or from remote locations offers many advantages for both suppliers and users of bulk products. Ensuring that product arrives in a timely way is essential to modern JIT manufacturing. For the supplier of the bulk products the emphasis is on the delivery logistics. For the user however it is imperative to maintain adequate stock to satisfy production demand. When connected to Hycontrol level Instrumentation **Webflex** provides reliable inventory monitoring which can provide significant cost savings for both suppliers and customers alike. Typical advantages of using **Webflex** are :

- Improved response times for deliveries
- Improved delivery logistics
- Reduction in product returns
- Reduced Wastage
- Continuity of supply
- Improved vehicle and driver utilisation
- Better delivery scheduling
- Better utilisation of company resources



Datalogging / Graphing

Auto Reporting & Alarming

Two automatic reports are available. The first is a System Summary report which includes information about the site, the variables being monitored and any alarm conditions present at the time of sending. The second is a data log file in a .csv format for loading into a spreadsheet. Both reports can be sent to four different email addresses, on a scheduled basis or by request. In the event that a preset alarm condition is triggered, it is possible to program the **Webflex** to email up to four different email addresses to notify personnel of the alarm condition. The alarm can be acknowledged remotely by authorized personnel.



IP66 Hinged enclosure with integral mounting legs

Datalogging and Reports

Any or all of the points being monitored can be data logged and these files can be downloaded manually or automatically on a scheduled time basis. It is possible to monitor analogue and digital signals and display all values including total flows etc..



Simple calibration menus

Graphing and Trending

Stored data from 1 hour to 32 days may be viewed in a graphic format on-line without downloading it to a computer first and without having to open a dedicated spreadsheet program. There is also the option to save the graph as a picture file.

ADVANTAGES OF WEBFLEX

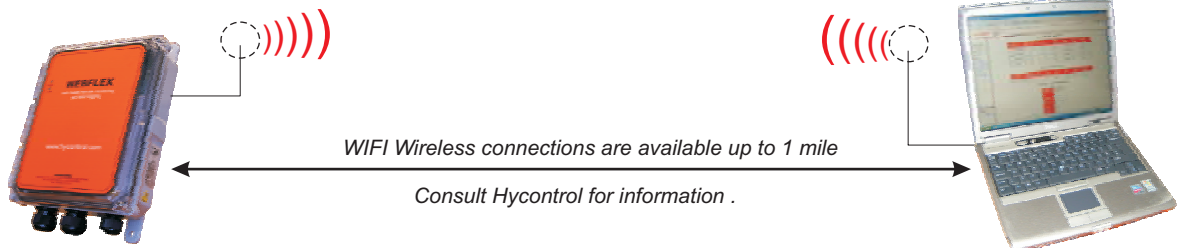
- Multiple connection options enabling access from anywhere at any time.
- Up to 96 analogue and 96 digital inputs monitored via one connection.
- No software, expensive licences or monthly subscriptions necessary.
- Low cost per point with 6 analogue and 6 digital inputs.
- 24V dc integral power supply for transmitter excitation.
- Web-enable virtually any 4-20mA transmitter or switch.
- Integral PSTN, GSM and GPRS modem options.
- Connect directly into new or existing networks.
- Simple to retrofit to existing instrumentation.
- Universal instrument suits all applications.
- Easy to install and commission.
- Multi-level security access.



SIX WAYS TO MONITOR WEBFLEX

WEBFLEX information can be accessed using a number of traditional connection options and has a unique wake-up option to provide internet access from anywhere in the world. The six ways to connect are :

- DIRECT USB :-** For local monitoring or re-configuration of the **Webflex** via a laptop or dedicated on-site computer.
- DIRECT CONNECT :-** Modem to modem connection is used for remote monitoring or configuration of your **Webflex** using traditional modem to modem communications. This may be useful if there is no internet access or the internet is offline. GSM or PSTN modem option required.
- ETHERNET :-** For monitoring or re-configuration of the **Webflex** via a local area network connection.
- WIFI :-** This wireless connection is useful when there is no local network connection available. Considerable cost savings can be made using this option as data can be transmitted without having to install communication cables.



- INTERNET REAL TIME:-** Webcall is unique to Hycontrol and enables internet access to the **Webflex**. It provides extremely low cost connectivity to individual sites anywhere in the world and is implemented by visiting the Hycontrol web site and following the **Webflex** links. GPRS /GSM or PSTN option required.
- INTERNET SERVER:-** This service is used for collating historical data from multiple locations and is available on a monthly subscription.

APPLICATIONS FOR ALL INDUSTRIES



QUARRY



WATER & WASTE



PROCESS



CHEMICAL



OFFSHORE

SPECIFICATION

INPUTS

Input Power	100 - 240 VAC \pm 10%, 1.0A, 50/60Hz
Input Signals	
Analogue Inputs (six)	4-20mA, 2-wire or 3-wire, internally powered by 24 VDC, 110 ohm input resistance, 1000 ohm maximum load.
Digital Inputs (six)	
Flow Meter: (DI 1-4 only)	Isolated dry contact (relay, reed switch or Hall Effect) 0-400 Hz, 1.5 msec minimum width
Switch: (DI 1-6)	Isolated dry contact (relay, reed switch or Hall Effect) 0-10 Hz, 50 msec minimum width

OUTPUTS

Solid State Relay:	Dry Contact, 0 - 40 VDC, NO AC VOLTAGE, 150 mA maximum load
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COMMUNICATION

1 x USB-A port (Host)
1 x USB-B port (Slave)
1 x RJ11 Modem connection (PSTN)
1 x RJ45 Ethernet Connection (100 metres max)

ENCLOSURE

Enclosure material:	Polycarbonate with hinged lid
Protection rating:	IP66 (NEMA 4X)
Dimensions:	324mm x 244mm x 83mm
Operating ambient temp:	0-60°C
Storage temp:	-29°C to + 80°C
Weight:	2 Kg

APPROVALS

CE Safety	EN 612010-1 (2001)
CE EMC	EN 61326 : 1998 Annex A*
UL	ANSI/UL 61010-1 : 2004, 2nd Edition
CAN/CSA	C22.2 No. 61010-1 : 2004, 2nd Edition

Note: For EN61000-6, -3 the Webflex meets performance criteria B.

* Class A Equipment: Equipment suitable for use in establishments other than domestic, and those directly connected to a low voltage (100-240VAC) power supply network which supplies buildings used for domestic purposes.

ON-LINE DEMONSTRATION

**PLEASE CONTACT HYCONTROL FOR USERNAME AND PASSWORD
TO SEE A REAL-TIME DEMONSTRATION**



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