

Daq Link Multi sonda a 4 canali indipendenti

Il Daq Link 4 canali rileva temperatura umidita' con sensori integrati



Leggero, portatile e
registrazione indipendente

DaqLink , USB stand-alone data logger: alta funzionalita' in un semplice pacchetto

WII DaqLink 4 canali rileva temperatura umidita' con i sensori integrati ed inoltre effettua un monitoraggio ambientale attraverso quattro sensori esterni assicura un basso costo, soluzione affidabile e precisa, monitoraggio dei dati interni ed esterni

Per i dati di monitoraggio indipendente DaqLink le caratteristiche comprendono:

Batterie Ricaricabili

On-site dati di monitoraggio, display grafico a due righe

Intuitivo con tastiera Run / Pause opzione di registrazione

Registrazione di dati a 16-bit

Registrazioni dati in tempo reale in streaming sul PC, registrazione

su memoria a bordo e successivo download

Risposta immediata notifica di allarme

Cicalino di allarme acustico



Daq-Link 4 Channel Multi-probe Data Logger

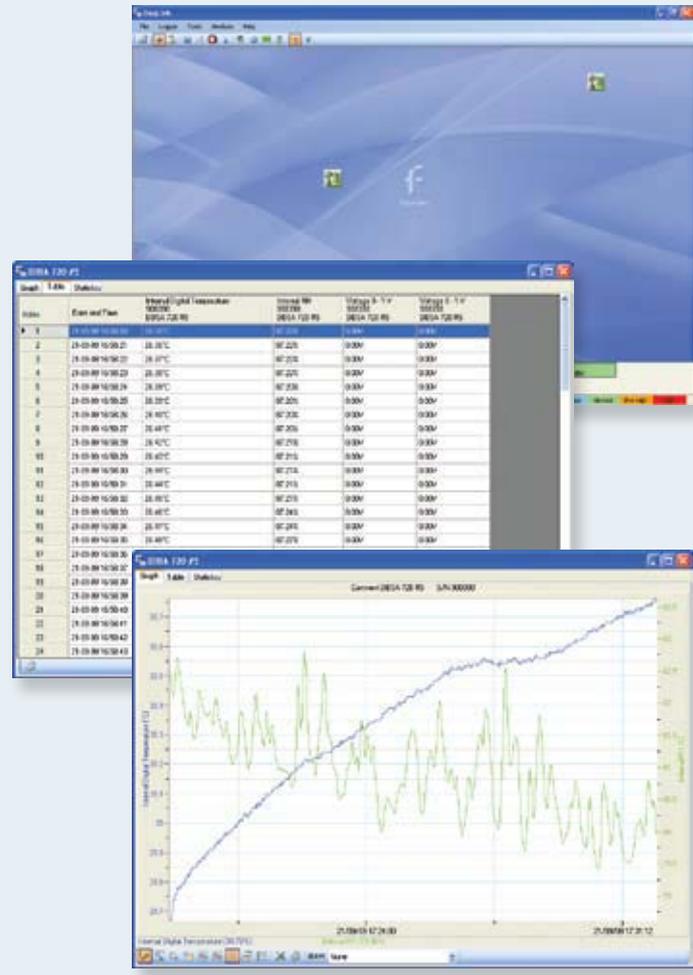
Stand-alone data logging with:

<p>2 Internal Sensors:</p> <p>Temperature -20 to 50 °C Humidity 5 to 95 %</p>	<p>+</p>	<p>4 External Inputs:</p> <p>4 to 20 mA 0 to 50 mV 0 to 1 V Temperature PT-100 2-wire Temperature Thermocouple J Temperature Thermocouple K Temperature Thermocouple T Frequency Pulse Counter Contact</p>	<p>+</p>	<p>2 External Outputs:</p> <p>12 V Power Output Alarm Device</p>
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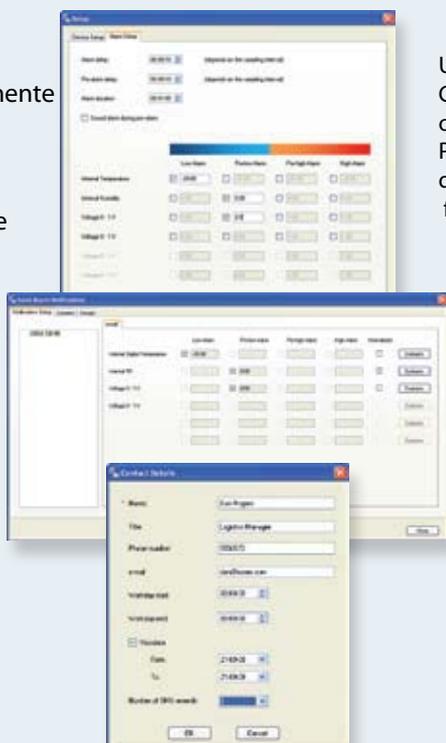
Facile da usare il software di analisi viene utilizzato per rilevare il logger Daqlink Automaticamente

Operating System:
 Windows * 2000 Service Pack 3
 Windows * 2003
 Windows * XP Service Pack 2 or higher
 Windows * Vista
 Internet Explorer 5.1 or higher

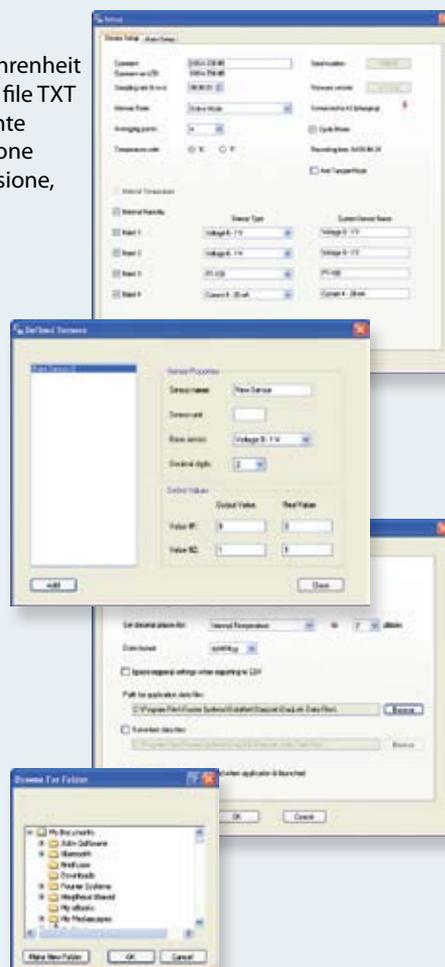
Hardware Requirements:
 Pentium 800 MHz or higher
 256 MB RAM
 250 MB available disk space



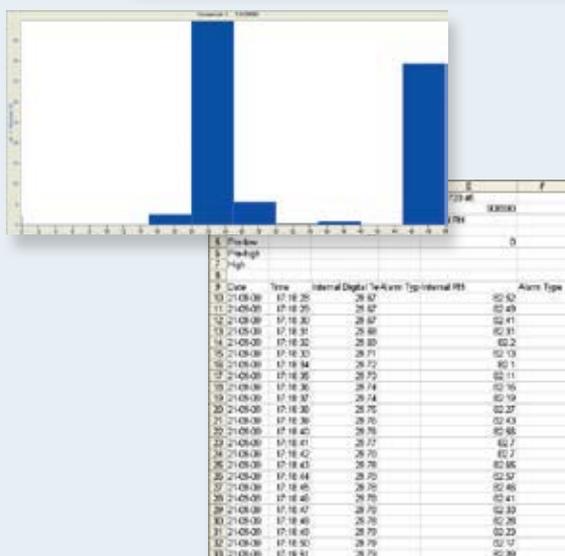
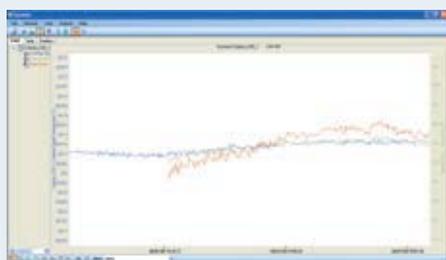
Quattro livelli di allarme programmabili separatamente
 Risposta immediata alla notifica dell'allarme
 SmS e e-mail Allert
 Possibilità di aggiungere e modificare i contatti e gruppi di distribuzione



Unità di misura Celsius o Fahrenheit
 Cartelle di destinazione per file TXT o CSV configurabili dall'utente
 Possibilità di personalizzazione degli ingressi (corrente, tensione, frequenza impulso)

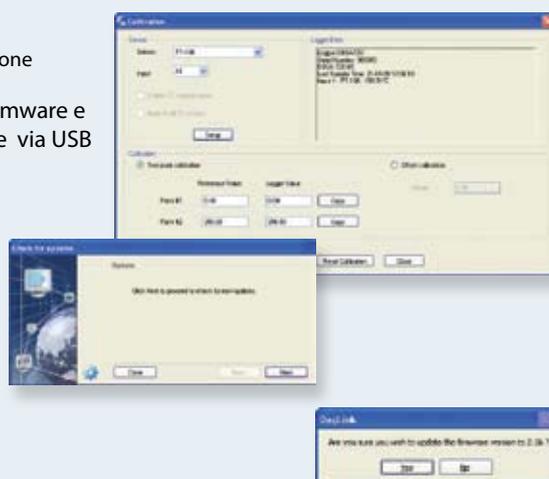


Calcolo del Punto di rugiada, calcolo F0 pastorizzazione, l'istogrammi, statistiche con esportazione in Excel e CSV



Hardware di Comunicazione

Updates Firmware e calibrazione via USB



Daq Link 4 Channel Multi-probe Data Logger

Specifiche

DAQLINK INPUTS

DBSA710 and DBSA720 Input Types

4 to 20 mA

- Range: 4 to 20 mA
- Resolution: 4.76 μ A
- Accuracy: ± 0.5 %
- impedance: Loop 21 Ω
- load: Maximum 30mA, 5.2 V

0 to 50 mV

- Range: 0 to 50 mV
- Resolution: μ V 3
- Accuracy: ± 0.5 %
- impedance: Input 25 M Ω
- voltage: Maximum 5.2V

0 to 1 V

- Range: 0 to 1 V
- Resolution: 200 μ V
- Accuracy: ± 0.5 %
- impedance: Input 25 M Ω
- voltage: Maximum 5.2V

Temperature PT-100 (2-wires)

- Range: -200 to 400 $^{\circ}$ C
- Resolution: 0.1 $^{\circ}$ C
- Accuracy: -200 to -60 $^{\circ}$ C ± 0.5 %
-60 to 60 $^{\circ}$ C ± 0.3 C
60 to 400 $^{\circ}$ C ± 0.5 %

Temperature Thermocouple J

- Range: -200 to 1,000 $^{\circ}$ C
- Resolution: 0.1 $^{\circ}$ C
- Accuracy: -200 to -60 $^{\circ}$ C ± 0.5 %
-60 to 60 $^{\circ}$ C ± 0.5 $^{\circ}$ C
60 to 1,000 $^{\circ}$ C ± 0.5 %
- junction Cold compensation error: ± 0.3 $^{\circ}$ C

Temperature Thermocouple K

- Range: -200 to 1,000 $^{\circ}$ C
- Resolution: 0.1 $^{\circ}$ C
- Accuracy: -200 to -60 $^{\circ}$ C ± 0.5 %
-60 to 60 $^{\circ}$ C ± 0.5 $^{\circ}$ C
60 to 1,000 $^{\circ}$ C ± 0.5 %
- junction Cold compensation error: ± 0.3 C

Temperature Thermocouple T

- Range: -200 to 400 $^{\circ}$ C
- Resolution: 0.1 $^{\circ}$ C
- Accuracy: -200 to -60 $^{\circ}$ C ± 0.5 %
-60 to 60 $^{\circ}$ C ± 0.5 $^{\circ}$ C
60 to 400 $^{\circ}$ C ± 0.5 %
- junction Cold compensation error: ± 0.3 C

Frequency (input 4 only)

- Zerotest
- Range: 20 Hz to 4 KHz
- signal: Input 0 to 4,000 Hz
- impedance: Input 470 Ω

Pulse Counter (input 4 only)

- Zerotest
- Range: to 65536 counts
- Resolution: count 1
- range: Frequency to 4,000 Hz
- signal: Input to 05V
- impedance: Input 470 Ω

Contact

- Range: Open/Closed

Internal Temperature

- Type: DBSA710: PT-100
DBSA720: Digital
- Range: -20 to 50 $^{\circ}$ C
- Resolution: 0.1 $^{\circ}$ C
- Accuracy: DBSA710: ± 0.3 $^{\circ}$ C
DBSA720: ± 0.5 $^{\circ}$ C

Internal Humidity (for DBSA720)

- Range: 5 to 95 %
- Resolution: 0.5 %
- Accuracy: ± 3 % at 10 to 90 %
 ± 5 % at 5 to 10 %
and 90 to 95 %

DAQLINK OUTPUTS

- Power 12 output
- Alarm External

DAQLINK LOGGER SAMPLING FEATURES

- capacity: Memory samples ~59,000
- rate: Sampling every One second to one 18 every hours
- Sampling resolution: 16-bit
- Channel separation: dB 80

DAQLINK HARDWARE SPECIFICATIONS

DBSA710 and DBSA720

Display

- LCD 2-row
- character 16 display

Memory Modes

- Cyclic/Non-Cyclic
- Run to Push
- Pause

Power Supply

- rechargeable Internal 4.8 V NiMH battery
- battery Built-in charger
- input

Operating Temperature Range

- to 50-20 $^{\circ}$ C
- dust and Waterproof: IP54

PC Communication

- 2.0 USB compliance
- USB Mini B cable type

Length and Temperature specifications are provided in Metric and Celsius units

Casing

- ABS Plastic box
- Dimensions: 104 x 93 x 27 mm
- Weight: 153 gr
- wall and Table mounting

GENERAL DAQLINK SPECIFICATIONS

Man Machine Interface

- keypad Two-button operation

Standards Compliance

- FCC CE,

DAQLINK SOFTWARE MAIN FEATURES

- Windows based software
- displayed Data in numeric or graphical display of all inputs
- retrieval On-line and display of the collected data in real-time
- Definition of new sensors
- calibration Full of the loggers via the software
- Documentation and filing
- levels Alarm on graphs
- Export to spreadsheets
- functions, Analytical for professional analysis of the collected data
- backup Manual of calibration settings
- firmware USB update
- feature Report e

AVAILABLE EXTERNAL SENSORS

PT-100 Sensor*

- Range: -70 to 400 $^{\circ}$ C
- length: Cable 2.54 m / 6 m
- Teflon cable range: to 65200 $^{\circ}$ C
- Probe: Diameter 6 mm, Length 81 mm

*See ordering information section

ORDERING INFORMATION

DBSA710	Internal Temp USB logger + 4 external inputs
DBSA720	Internal Temp & Humidity USB logger + 4 external inputs
12504	GSM Modem (for SMS alerts)
DQL-PCSUITE	PC Suite DaqLink Software CD
12753	PT-100 sensor (2-wire) 2.5 m
12752	PT-100 sensor (2-wire) 4 m
12751	PT-100 sensor (2-wire) 6 m
11304	Replacement internal battery pack
12655	Replacement 1m Mini USB communication cable
13330	Optional 3m Mini USB communication cable
DT246	Replacement 110/12V AC/DC US adapter
DT245	Replacement 110/12V AC/DC European adapter
DT282	Replacement 110/12V AC/DC UK adapter

DaqLink 4 Channel Multi-probe Data Logger

Specifications

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- Resolution: 4.76 μ A
- Accuracy: ± 0.5 %
- Loop impedance: 21 Ω
- Maximum load: 30 mA, 5.2 V

0 to 50 mV

- Range: 0 to 50 mV
- Resolution: 3 μ V
- Accuracy: ± 0.5 %
- Input impedance: 25 M Ω
- Maximum voltage: 5.2 V

0 to 1 V

- Range: 0 to 1 V
- Resolution: 200 μ V
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- Input impedance: 25 M Ω
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Temperature Thermocouple J

- Range: -200 to 1,000 $^{\circ}$ C
- Resolution: 0.1 $^{\circ}$ C
- Accuracy: -200 to -60 $^{\circ}$ C ± 0.5 %
-60 to 60 $^{\circ}$ C ± 0.5 %
60 to 1,000 $^{\circ}$ C ± 0.5 %
- Cold junction compensation error: ± 0.3 $^{\circ}$ C

Temperature Thermocouple K

- Range: -200 to 1,000 $^{\circ}$ C
- Resolution: 0.1 $^{\circ}$ C
- Accuracy: -200 to -60 $^{\circ}$ C ± 0.5 %
-60 to 60 $^{\circ}$ C ± 0.5 %
60 to 1,000 $^{\circ}$ C ± 0.5 %
- Cold junction compensation error: ± 0.3 $^{\circ}$ C

Temperature Thermocouple T

- Range: -200 to 400 $^{\circ}$ C
- Resolution: 0.1 $^{\circ}$ C
- Accuracy: -200 to -60 $^{\circ}$ C ± 0.5 %
-60 to 60 $^{\circ}$ C ± 0.5 %
60 to 400 $^{\circ}$ C ± 0.5 %
- Cold junction compensation error: ± 0.3 $^{\circ}$ C

Frequency (input 4 only)

- Zero crossing detector
- Range: 20 Hz to 4 KHz
- Input signal: 0 to 4,000 Hz
- Input impedance: 470 Ω

Pulse Counter (input 4 only)

- Zero crossing detector
- Range: 1 to 65,536 counts
- Resolution: 1 count
- Frequency range: 0 to 4,000 Hz
- Input signal: 0 to 5 V
- Input impedance: 470 Ω

Contact

- Range: Open/Closed

Internal Temperature

- Type: DBSA710: PT-100
DBSA720: Digital
- Range: -20 to 50 $^{\circ}$ C
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- Accuracy: DBSA710: ± 0.3 $^{\circ}$ C
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DAQLINK OUTPUTS

- 12 V Power output
- External Alarm

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- Memory capacity: ~59,000 samples
- Sampling rate: One every second to one every 18 hours
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- Channel separation: 80 dB

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- Internal rechargeable 4.8 V NiMH battery
- Built-in battery charger
- External 12 V DC input

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- -20 to 50 $^{\circ}$ C
- Water and dust proof: IP54

PC Communication

- USB 2.0 compliance
- Mini USB type B cable

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- Definition of new sensors
- Full calibration of the loggers via the software
- Documentation and filing
- Alarm levels on graphs
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- Analytical functions, for professional analysis of the collected data
- Manual backup of calibration settings
- USB firmware update
- Report feature

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