Servicing Europe:

For immediate technical or application assistance:

Servicing North America:

CEOMEGA: moo.spamo Toll-Free: 0800 466 342

zɔ.qodzsgəmo@oini :lism-ə FAX: +420-59-6311114

733 01 Karviná, Czech Republic

:eouer4

Frystatska 184

:xn[əuəg

Czech Republic:

1-800-622-BEST®

:sbans Dans .A. 2.U

moo.egomo@oini :linm-o

QUICK START

In.639mo@s9les :liem-9

Toll-Free: 0800 099 3344

Managed by the United Kingdom Office

1011-Free: 0800-1-66342 TEL: +420-59-6311899

TEL: +31 20 347 21 21 FAX: +31 20 643 46 43

Sales Service: 1-800-826-6342/1-800-TC-OMEGA®

TEL: (203) 359-1660 FAX: (203) 359-7700

U.S.A.: <u>ISO 9001 Certified</u> OMEGA Engineering, Inc., One Omega Drive P.O. Box 4047, Stamford, CT 06907-0047 USA P.O. Box 4047, Stamford, CT 06907-0047 USA T.DII-Free: 1-800-826-6342

moo.6g9mo

OMEGAnet® On-Line Service

Managed by the United Kingdom Office

Engineering Service: 1-800-872-9436 / 1-800-USA-WHEN®

Customer Service: 1-800-622-23/8/

It is the policy of OMEGA Engineering, Inc. to comply with all worldwide safety and EMC/EMI regulations final epity of DMEGA E conservative present between a set interaction of the European regulations. The information MEGA is conserving the article belowed to be correct, to UMEGA exercited and the interaction or calinate in this document is believed to be correct, IOMEGA accepts no liability for any errors is contains, and reserves the right to alter specification without notice, MEMINGF. These products are not designed for use in, and should not be used for, human peptications.

Irlam, Manchester M44 5BD England

River Bend Technology Centre,

OMEGA Engineering Ltd. One Omega Drive

ISO 9002 Certified

:mobgniX bətinU

Germany/Austria:

:ooix9M

sə.sgəmo@ofni :lism-ə

Toll-Free: 1-800-826-6342 976 Bergar, Laval (Quebec) Canada H7L 5A1

moo.sgsmoworn

lism-9 fornet

MAX III

53, °C

1 YEAR

6886-658 (412) :XAA

1EL: (514) 856-6928

:epeue

CE

e-mail: info@omega.de

62-8666 9507 (0) 7056 9398-29

0-8666 650∑ (0) 6₽+ :J∃T Toll-Free: 0 800 6397678

Daimlerstrasse 26 D-75392 Deckenpfronn, Germany

moo.689mo@loneqe9 :liem-9 xm.moz.sg9mo@olni

En Español: 001 (203) 359-7803

TAX: (001) 203-359-7807

Northbank

OMECAA policy is to make unning abange, not unadel change and unadel changes and make unning the provement ossible. This advorts our outstants to Market in technology and engineering. OMECAA is not preventioned to Market A EXCINTERIAL INC. Repair instructions and/or specific problems relative to the product. Repair instructions and/or specific problems relative to the product.

- Model and serial number of the product, and
  Repair instructions and/or specific problems Precesse Order number under which the product was PURCHASED,
   Model and serial number of the product under warranty, and
   Bensir instructors and/or specific
  - Purchase Order number to cover the COST of the repair,
- FOR **NON-WARRANTY** RFPAIRS, consult OMEGA for current repair charges. Have the APA of the second second second second BRFORE Construction of the second second second second the second second
- FOR **WARRAUTY** RETURNS, please have the following information available BEFORE contracting OMECA:

Direct all warranty and repair requests/inducies to the OMECA Customer Sarvice Department. Bircone Retrong Regression Provided Sarvice Department, Rizzb Retruktive Any PRODUCID, 10 OMECA, Umchar Sarvice Department, Mizzb Retruktive Any PRODUCID, 10 OMECA, Surgicus Presentante, Any UTHO-Rizzb Retruktive Any VPRODUCID, and Sarging Ad Xan The purchaser is responsible for sinpping riade of the return package and on any correspondence. The purchaser is responsible for sinpping riade of the return package and on any correspondence. The purchaser is responsible for sinpping riade of the return package and on any correspondence. The purchaser is responsible for sinpping Provided Sarvice Sarvice Sarvice Provided Sarvice Reputer Sarvice Concellence. The purchaser is the purchaser is responsible for sinpping Provided Sarvice S KETURN REQUESTS/INQUIRIES

© Copyright 2011 OWER ENGINEETING, (N. All rights ensived. This document may not be copied biolocopted, reproduced translated or reduced to wheteronic medium or machine-reatable form, in whole or in part, without the prior written consent of OMECA ENCINEERING, INC.

ONE Cost control comparison that may be also for the provided and the formation of the provided state of manufaction in the provided state of manufaction in the provided state of manufaction of the provided state of

If the unit maltenerions, it must be returned to the factory for evaluation. OMEGA's Customer product and the immediately the second se

OMEGA ENGINEERING, INC. warrants this unit to be free of defects in materials and workman-ship for sence of 13 months from the date of purchase. MAEGA key wearanty date an additional one (1) month grace period to the normal one (1) year product warranty to cover landling and shipping time. This ensures that OMEGA's customers receive maximum coverage on each product. MARRANTY/DISCLAIMER

# Where Do I Find Everything I Need for **Process Measurement and Control?** OMEGA...Of Course! Shop online at omega.com<sup>™</sup>

## TEMPERATURE

- Thermocouple, RTD & Thermistor Probes, Connectors, Panels & Assemblies
- Wire: Thermocouple, RTD & Thermistor
- Calibrators & Ice Point References Recorders, Controllers & Process Monitors
- Infrared Pyrometers

# PRESSURE, STRAIN AND FORCE

- Transducers & Strain Gages
- Load Cells & Pressure Gages 1
- Displacement Transducers
- Instrumentation & Accessories

#### FLOW/LEVEL

- Rotameters, Gas Mass Flowmeters
- & Flow Computers Air Velocity Indicators M
- Turbine/Paddlewheel Systems Totalizers & Batch Controllers

#### pH/CONDUCTIVITY

- ☑ pH Electrodes, Testers &
- Accessories 4
- Benchtop/Laboratory Meters Controllers, Calibrators, Simulators
- & Pumps Industrial pH & Conductivity Equipment

#### DATA ACQUISITION

- Data Acquisition & Engineering Software
- Communications-Based Acquisition
- stems Plug-in Cards for Apple, IBM & Compatibles
- Data Logging Systems Recorders, Printers & Plotters

## HEATERS

- Heating Cable
- Cartridge & Strip Heaters Immersion & Band Heaters
- Flexible Heaters
- Laboratory Heaters

# ENVIRONMENTAL MONITORING AND CONTROL

- Metering & Control Instrumentation
- Refractometers Pumps & Tubing
- Air, Soil & Water Monitors Industrial Water & Wastewater
- Treatment pH. Conductivity & Dissolved
- Oxygen Instruments
  - MQS5064/0213



# **OM-EL-WiFi Series**



#### Windows ™ XP/ Vista/ 7 START HERE OM-EL-WiFi Configuration Software Installation

# Getting Started

The sensor will arrive partly charged but ideally you should charge it for 24 hours before use for optimum The sensor will automatically performance. start recharging while connected to a PC or USB charger using the USB cable provided.

#### The battery icon has three states:



## Installing Software

The sensor may already be displaying a reading but it will not be configured or connected to your WiFi network until you complete the product set-up.

To set up the unit use our free EasyLog WiFi PC software available to download from the 'Software' section at www.omega.com.

# Sensor Placement

When placing the sensor consider local heat sources and radio obstructions. Any physical obstructions between router and sensor will affect the signal range. WiFi extenders can also be used to increase range.

#### The Signal icon has three states:



#### Not Displayed

the sensor has not yet been set-up and configured to a WiFi network

#### Flashing

the sensor is not communicating with the EasyLog WiFi software

#### Solid

the sensor is successfully communicating with the EasyLog WiFi software



L Use the button on the home screen to get more help on setting up your sensors.

#### **Changing Sensor Settings over Air**

Sensors can be configured over the air without reconnecting the USB cable.

# Sensor Settings

Connect the OM-EL-WiFi Sensor to the PC's USB port with the USB cable provided.

Double click on the EasyLog WiFi icon on your Windows™ desktop. This will load the wizard configuration software. Follow the on-screen instructions to set up your sensor.





Click on your network and

enter your password if

required

o

Click on the 'Set-Up Sensor' button



Name your Sensor, Select Temperature Scale, Sample Rate & Transmission Rate





Sensor Set-up is now complete

Position your Sensor where you wish to take readings Note: These screens will vary depending on which sensor model purchased.

# **Important Safety Instructions**

**WARNING:** Failure to follow these safety instructions could result in fire, electrical shock, other injury or damage.

#### Battery Replacement

The rechargeable battery in the EasyLog product should only be replaced by Omega Engineering.

**Repairing or Modifying** Never attempt to repair or modify EasyLog products. Dismantling EasyLog products, including the removal of external screws, may cause damage that is not covered under the warranty. Servicing should only be provided by Omega Engineering. If the EasyLog product has been submerged in water, punctured, or seriously damaged do not use it before returning it to Omega Engineering.

**Charging** Only use a USB Power Adaptor or a USB port on another device to charge EasyLog products. Read all safety instructions for any third party products and accessories before use with this product. Omega Engineering is not responsible for the operation of any third party accessories or their compliance with safety and regulatory standards. We do not recommend charging the battery when the unit is at 40° C (104°F) or above. Some of our products employ safety features to prevent this.

#### Using Connectors and Ports

Never force a connector into a port; check for obstruction in the port, make sure that the connector matches the port and that you have positioned the connector correctly in relation to the port. If the connector and port do not join with reasonable ease they probably do not match and should not be used.

Disposal and Recycling Information You must dispose of EasyLog products according to relevant laws and regulations. EasyLog products contain electronic components and Li-Po batteries and therefore they must be disposed of separately from household waste.



Copyright Omega Engineering, Inc. 2013 Issue 1 02/13