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User's Guide



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OM-SQ-RF-ADAP **Handyport Wireless Adaptor**



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The information contained in this document is believed to be correct, but OMEGA accepts no liability for any errors it contains, and reserves the right to alter specifications without notice.

WARNING: These products are not designed for use in, and should not be used for, human applications.

Setting up the HandyPort

The OM-SQ-RF-ADAP Handyport Wireless adaptor provides wireless communications via the data logger's serial port.

The OM-SQ-RF-ADAP HandyPort has a factory default of 9600 Baud.

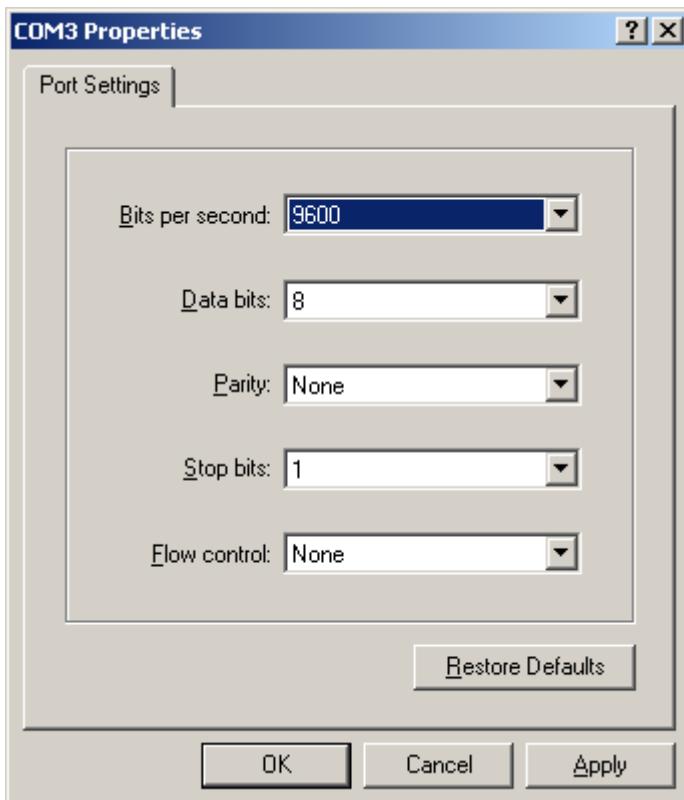
To use from the box you will need to change the OMEGALOG® serial baud rate to 9600 (the OM-SQ2010/SQ2020/SQ2040 series data loggers normally communicates at 115k baud).

See *Modifying RS232 Baud Rates* in OMEGALOG® Help to change the baud rate.

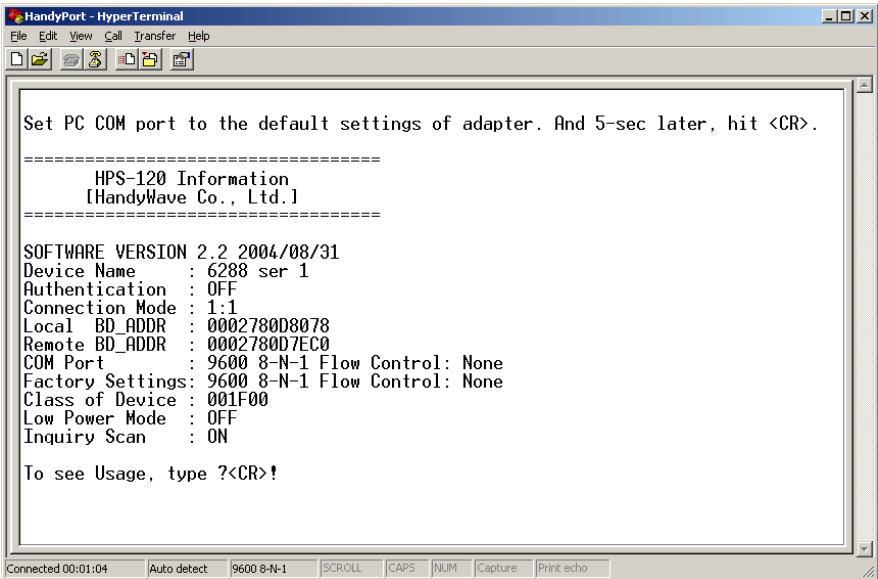
Note: that if the Baud Rate Override is set, it should be set back to the loggers default baud rate if direct serial communications are subsequently used.

If you wish to use the default serial speed of 115K (recommended for downloading data, use the following procedure if not see to ***Using the Handyport.***

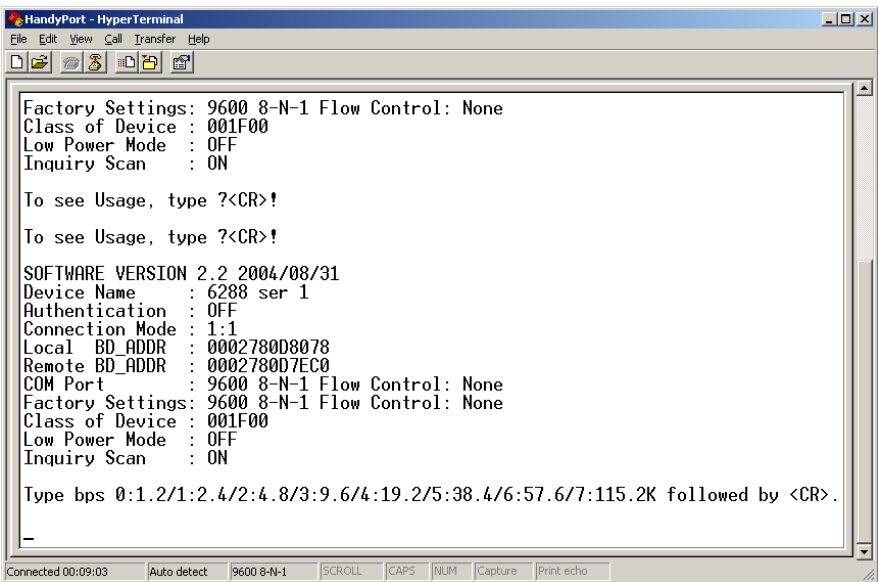
Plug the Handyport into the Com port of the PC and connect the power to the Handyport. Open up a Hyper Terminal program and set up as below.



Push the RST button of the Handyport if it is communicating correctly the link LED (on the Handyport) will start to flash every second press the *Enter* Key after 5 seconds.



Type 'B' and press the *Enter* Key.



Type '7' (for the baud rate 115200) and press the *Enter* Key.

```
COM Port      : 9600 8-N-1 Flow Control: None
Factory Settings: 9600 8-N-1 Flow Control: None
Class of Device : 001F00
Low Power Mode  : OFF
Inquiry Scan   : ON

Type bps 0:1.2/1:2.4/2:4.8/3:9.6/4:19.2/5:38.4/6:57.6/7:115.2K followed by <CR>.

SOFTWARE VERSION 2.2 2004/08/31
Device Name    : 6288 ser 1
Authentication  : OFF
Connection Mode : 1:1
Local BD_ADDR   : 0002780D8078
Remote BD_ADDR  : 0002780D7EC0
COM Port       : 115200 8-N-1 Flow Control: None
Factory Settings: 9600 8-N-1 Flow Control: None
Class of Device : 001F00
Low Power Mode  : OFF
Inquiry Scan   : ON

Type X to complete setting.
Or type <command> to continue.
```

Connected 00:10:34 | Auto detect | 9600 8-N-1 | SCROLL | CAPS | NUM | Capture | Print echo

Type 'X' (to save the setup) then press the *Enter* Key.

```
Factory Settings: 9600 8-N-1 Flow Control: None
Class of Device : 001F00
Low Power Mode  : OFF
Inquiry Scan   : ON

Type bps 0:1.2/1:2.4/2:4.8/3:9.6/4:19.2/5:38.4/6:57.6/7:115.2K followed by <CR>.

SOFTWARE VERSION 2.2 2004/08/31
Device Name    : 6288 ser 1
Authentication  : OFF
Connection Mode : 1:1
Local BD_ADDR   : 0002780D8078
Remote BD_ADDR  : 0002780D7EC0
COM Port       : 115200 8-N-1 Flow Control: None
Factory Settings: 9600 8-N-1 Flow Control: None
Class of Device : 001F00
Low Power Mode  : OFF
Inquiry Scan   : ON

Type X to complete setting.
Or type <command> to continue.

Saving changes and rebooting!
```

Connected 00:11:20 | Auto detect | 9600 8-N-1 | SCROLL | CAPS | NUM | Capture | Print echo

Repeat the procedure with the second Handyport.
Exit the Hyper Terminal program.

Using the Handyport

Connect the Handyport to the RS232 Serial Com port of the PC with a 9-pin standard serial cable and connect the power supply (USB lead or separate power pack).

Connect the second Handyport to the data logger with a null modem serial cable LC75 then connect the power supply (this could be from the same power pack as used with the data logger or a separate power pack).

The green LINK led will come on when the contact between the Handyports has been established.

Select the appropriate Serial Com port using the OMEGALOG® *Communication Wizard*. Select the 'default' tick box if you wish to always use this setting for communications.

Test connection by selecting *Logger Control* from the OMEGALOG® Assistant.

WARRANTY/DISCLAIMER

OMEGA ENGINEERING, INC. warrants this unit to be free of defects in materials and workmanship for a period of **13 months** from date of purchase. OMEGA's WARRANTY adds an additional one (1) month grace period to the normal **one (1) year product warranty** to cover handling and shipping time. This ensures that OMEGA's customers receive maximum coverage on each product.

If the unit malfunctions, it must be returned to the factory for evaluation. OMEGA's Customer Service Department will issue an Authorized Return (AR) number immediately upon phone or written request. Upon examination by OMEGA, if the unit is found to be defective, it will be repaired or replaced at no charge. OMEGA's WARRANTY does not apply to defects resulting from any action of the purchaser, including but not limited to mishandling, improper interfacing, operation outside of design limits, improper repair, or unauthorized modification. This WARRANTY is VOID if the unit shows evidence of having been tampered with or shows evidence of having been damaged as a result of excessive corrosion; or current, heat, moisture or vibration; improper specification; misapplication; misuse or other operating conditions outside of OMEGA's control. Components in which wear is not warranted, include but are not limited to contact points, fuses, and triacs.

OMEGA is pleased to offer suggestions on the use of its various products. However, OMEGA neither assumes responsibility for any omissions or errors nor assumes liability for any damages that result from the use of its products in accordance with information provided by OMEGA, either verbal or written. OMEGA warrants only that the parts manufactured by it will be as specified and free of defects. OMEGA MAKES NO OTHER WARRANTIES OR REPRESENTATIONS OF ANY KIND WHATSOEVER, EXPRESS OR IMPLIED, EXCEPT THAT OF TITLE, AND ALL IMPLIED WARRANTIES INCLUDING ANY WARRANTY OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE HEREBY DISCLAIMED. LIMITATION OF LIABILITY: The remedies of purchaser set forth herein are exclusive, and the total liability of OMEGA with respect to this order, whether based on contract, warranty, negligence, indemnification, strict liability or otherwise, shall not exceed the purchase price of the component upon which liability is based. In no event shall OMEGA be liable for consequential, incidental or special damages.

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RETURN REQUESTS/INQUIRIES

Direct all warranty and repair requests/inquiries to the OMEGA Customer Service Department. BEFORE RETURNING ANY PRODUCT(S) TO OMEGA, PURCHASER MUST OBTAIN AN AUTHORIZED RETURN (AR) NUMBER FROM OMEGA'S CUSTOMER SERVICE DEPARTMENT (IN ORDER TO AVOID PROCESSING DELAYS). The assigned AR number should then be marked on the outside of the return package and on any correspondence.

The purchaser is responsible for shipping charges, freight, insurance and proper packaging to prevent breakage in transit.

FOR **WARRANTY** RETURNS, please have the following information available BEFORE contacting OMEGA:

1. Purchase Order number under which the product was PURCHASED,
2. Model and serial number of the product under warranty, and
3. Repair instructions and/or specific problems relative to the product.

FOR **NON-WARRANTY** REPAIRS, consult OMEGA for current repair charges. Have the following information available BEFORE contacting OMEGA:

1. Purchase Order number to cover the COST of the repair,
2. Model and serial number of the product, and
3. Repair instructions and/or specific problems relative to the product.

OMEGA's policy is to make running changes, not model changes, whenever an improvement is possible. This affords our customers the latest in technology and engineering.

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