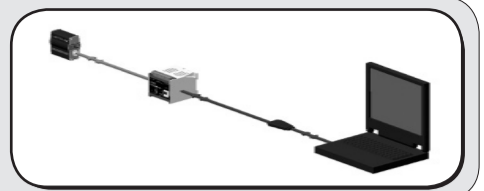
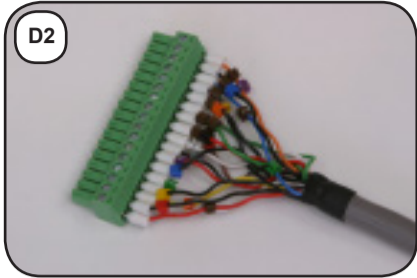


(D) WINDOWS CONFIGURATOR SOFTWARE (SN-WCS) - VIA SN-W/E

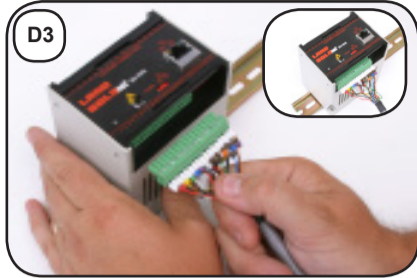
**SOLOnet System Setup Using Windows Configurator Software (SN-WCS) - Via SN-W/E**



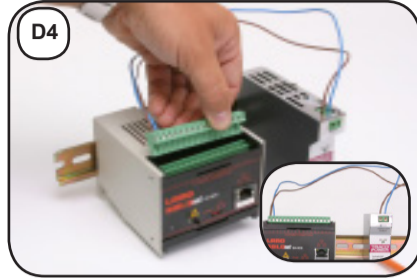
1) Connect the pre-installed plug of the SOLOnet cable to the thermometer. Align the keyways, push the plug onto the connector and screw tighten the plug sleeve to hand tight only (D1).



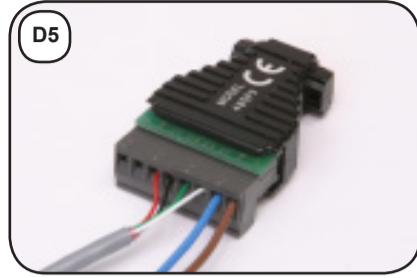
2) Connect the 17 cores of the SOLOnet cable to the 'Thermometer' connector block (D2). (NOTE 1: It is recommended that the wiring of the 'Thermometer' and 'Customer' connector blocks is carried out with them already connected to the unpowered SN-W/E. This helps to ensure correct wiring and orientation)



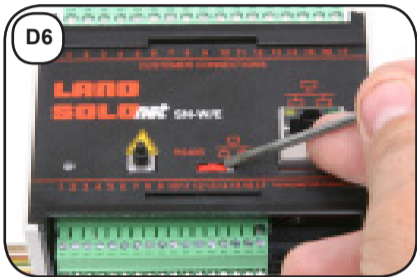
3) Connect the cable terminal block to the 'Thermometer Connections' block of the interface unit (D3) (see NOTE 1).



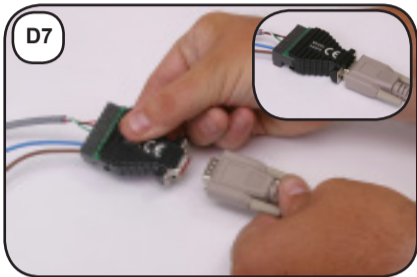
4) Connect the 24V d.c. power supply to the supplied 17-way 'Customer Connections' terminal block as follows; +ve to terminal 1, -ve to terminal 2. Push the power terminal block into place on the 'Customer Connections' block of the SN-W/E interface unit (D4) (see NOTE 1).



5) Make the following connections from the 'Customer Connections' terminal block to an 'RS232 to RS485' converter, using a suitable 4-core cable; terminal 14 to Rx(A), terminal 15 to Rx(B), terminal 16 to Tx(B) and terminal 17 to Tx(A). Connect an external power supply to the converter (see converter spec. for power rating) as follows: GND to -ve and VDC to +ve (D5).



6) Ensure that the mode selector switch on the front of the SN-W/E interface unit is in the 'RS485' position (B7).



7) Connect an RS232 serial cable to the 'RS232 to RS485' converter (D7).



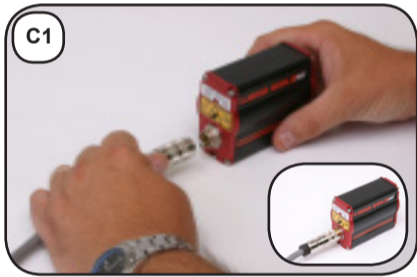
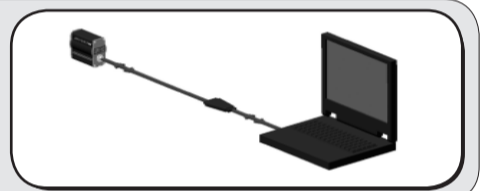
8) Connect the free end of the RS232 serial cable to an RS232 port of the designated laptop/PC (D8).



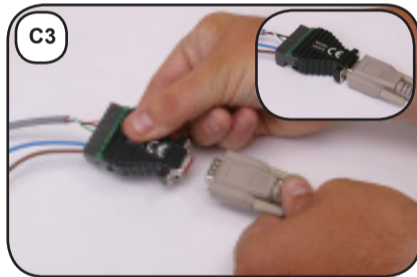
9) Ensure that the laptop/PC has the 'Windows Configurator Software' loaded and any 'Pop-up Blockers' disabled (see REFERENCE LINKS). If required, load the supplied SOLOnet CD to access the relevant user/installation information (D9).

(C) WINDOWS CONFIGURATOR SOFTWARE (SN-WCS) - DIRECT RS485

**SOLOnet System Setup Using Windows Configurator Software (SN-WCS) - Direct RS485**



1) Connect the pre-installed plug of the SOLOnet cable to the thermometer. Align the keyways, push the plug onto the connector and screw tighten the plug sleeve to hand tight only (C1).



3) Connect an RS232 serial cable to the 'RS232 to RS485' converter (C3).



2) Connect the 17 numbered cores of the SOLOnet cable to a DIN rail mounted connector block.

Make the following connections from the connector block to an RS232 to RS485 converter; terminal 14 to Rx(A), terminal 15 to Rx(B), terminal 16 to Tx(B) and terminal 17 to Tx(A).

Connect an external power supply to the converter (see converter spec. for power rating) as follows: GND to -ve and VDC to +ve (C2).

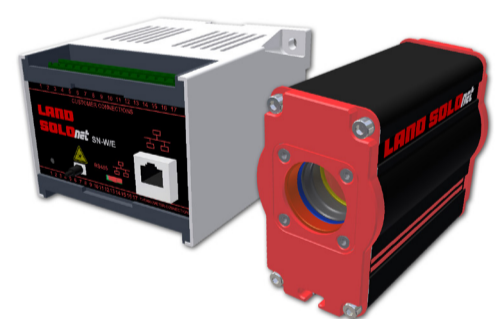


4) Connect the free end of the RS232 serial cable to an RS232 port of the designated laptop/PC (C4).



5) Ensure that the laptop/PC has the 'Windows Configurator Software' loaded and any 'Pop-up Blockers' disabled (see REFERENCE LINKS). If required, load the supplied SOLOnet CD to access the relevant user/installation information (C5).

**SOLOnet**  
Digital Infrared Thermometer  
Quick-start Guide



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**REFERENCE LINKS**

- 'Java Runtime' ... (See PP313 - PC Configuration for SOLOnet Quick-start Guide) (1)
- 'Proxy Server' ... (See PP313 - PC Configuration for SOLOnet Quick-start Guide) (2)
- 'Pop-up Blockers' ... (See PP313 - PC Configuration for SOLOnet Quick-start Guide) (3)
- 'Multiple IP Address Assignment' ...

- (See PP313 - PC Configuration for SOLOnet Quick-start Guide) (4)
- 'Peer to Peer' ... (See PP313 - PC Configuration for SOLOnet Quick-start Guide) (5)
- 'Windows Configurator Software' ... (See PP313 - PC Configuration for SOLOnet Quick-start Guide) (6)
- 'Hyperterminal' ... (See PP307 - SOLOnet User Guide, Section 3.0/3.2.5)

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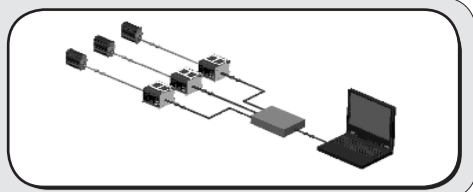
0034 Applies in the UK

LABORATORY ACCREDITATION BUREAU ACCREDITED ISO/IEC 17025:2005

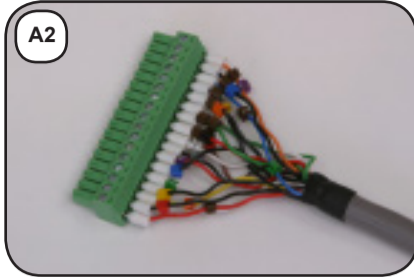
REGISTERED ISO 9001 MANAGEMENT SYSTEM Applies in the USA

## (A) WEB BROWSER CONFIGURATION - VIA NETWORK

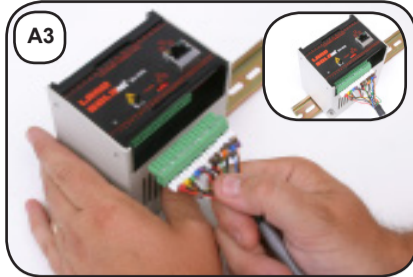
### Multiple SOLOnet System Setup in Web Browser Configuration - Via Stand-alone Network



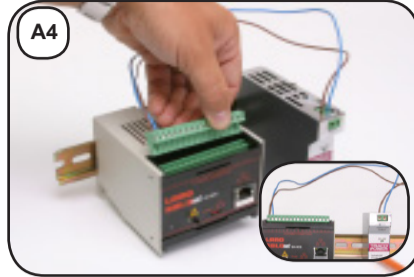
1) Connect the pre-installed plug of the SOLOnet cable to the thermometer. Align the keyways, push the plug onto the connector and screw tighten the plug sleeve to hand tight only (A1).



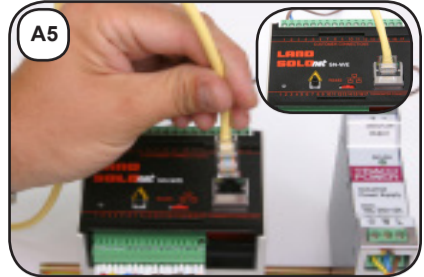
2) Connect the 17 cores of the SOLOnet cable to the 'Thermometer' connector block (A2). (NOTE 1: It is recommended that the wiring of the 'Thermometer' and 'Customer' connector blocks is carried out with them already connected to the unpowered SN-W/E. This helps ensure correct wiring and orientation)



3) Connect the cable terminal block to the 'Thermometer Connections' block of the interface unit (A3) (see NOTE 1).



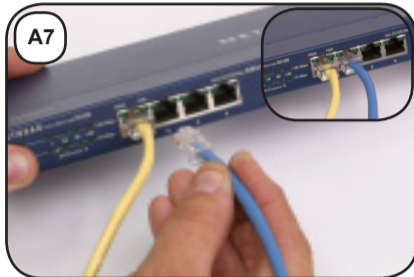
4) Connect the 24V d.c. power supply to the supplied 17-way 'Customer Connections' terminal block as follows; +ve to terminal 1, -ve to terminal 2. Push the power terminal block into place on the 'Customer Connections' block of the SN-W/E interface unit (A4) (see NOTE 1).



5) Connect a 'straight' Ethernet patch cable to the 'Ethernet' port of the SN-W/E interface unit (A5).



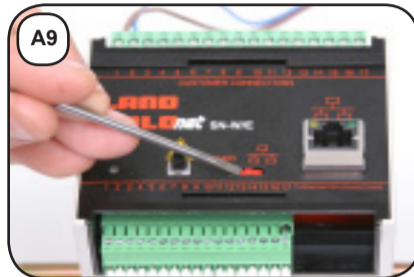
6) Connect the free end of the 'straight' Ethernet patch cable to a port of the network switch or hub (A6).



7) Connect a second 'straight' Ethernet patch cable to an adjacent port of the network switch or hub (A7).



8) Connect the free end of the second 'straight' Ethernet patch cable to an 'Ethernet' port of the designated laptop/PC (A8).



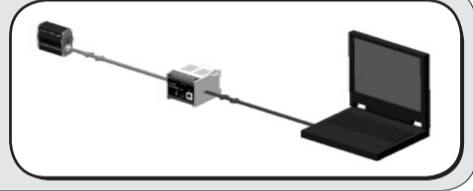
9) Ensure that the mode selector switch on the front of the SN-W/E interface unit is in the 'Ethernet' position, indicated by the standard Ethernet symbol (A9).



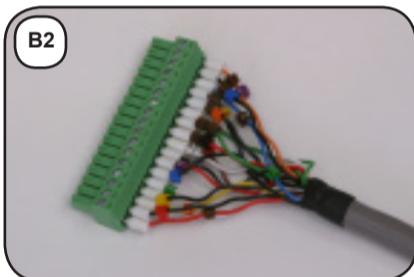
10) Ensure that the laptop/PC has any 'Pop-up Blockers' disabled, the 'Proxy Server' option enabled and 'Java Runtime' installed. Follow the 'Multiple IP Address Assignment' procedure (see REFERENCE LINKS). If required, load the SOLOnet CD (A10) to access the relevant information.

## (B) WEB BROWSER CONFIGURATION - VIA DIRECT CONNECTION

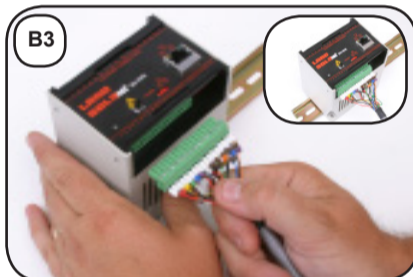
### SOLOnet System Setup in Web Browser Configuration - Via Direct Connection



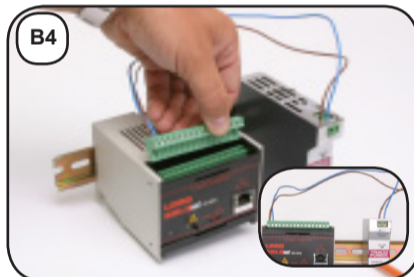
1) Connect the pre-installed plug of the SOLOnet cable to the thermometer. Align the keyways, push the plug onto the connector and screw tighten the plug sleeve to hand tight only (B1).



2) Connect the 17 cores of the SOLOnet cable to the 'Thermometer' connector block (B2). (NOTE 1: It is recommended that the wiring of the 'Thermometer' and 'Customer' connector blocks is carried out with them already connected to the unpowered SN-W/E. This helps to ensure correct wiring and orientation)



3) Connect the cable terminal block to the 'Thermometer Connections' block of the interface unit (B3) (see NOTE 1).



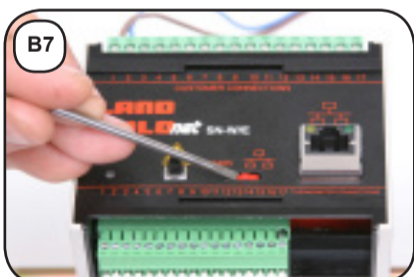
4) Connect the 24V d.c. power supply to the supplied 17-way 'Customer Connections' terminal block as follows; +ve to terminal 1, -ve to terminal 2. Push the power terminal block into place on the 'Customer Connections' block of the SN-W/E interface unit (B4) (see NOTE 1).



5) Connect a 'cross-over' Ethernet patch cable to the 'Ethernet' port of the SN-W/E interface unit (B5).



6) Connect the free end of the 'cross-over' Ethernet patch cable to the 'Ethernet' port of the designated laptop/PC (B6).



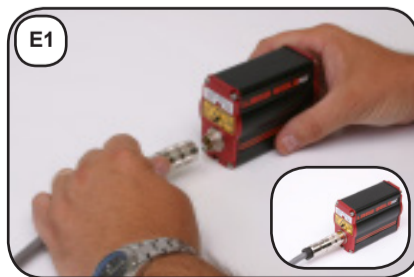
7) Ensure that the mode selector switch on the front of the SN-W/E interface unit is in the 'Ethernet' position, indicated by the standard Ethernet symbol (B7).



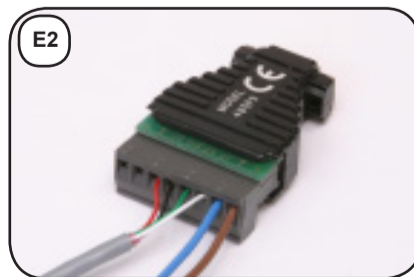
8) Ensure that the laptop/PC has any 'Pop-up Blockers' disabled, 'Java Runtime' installed and the 'Proxy Server' option disabled with 'Peer to Peer' setup (see REFERENCE LINKS). If required, load the SOLOnet CD (B8) to access the relevant user/installation information.

## (E) WINDOWS HYPERTERMINAL - DIRECT 4-WIRE RS485

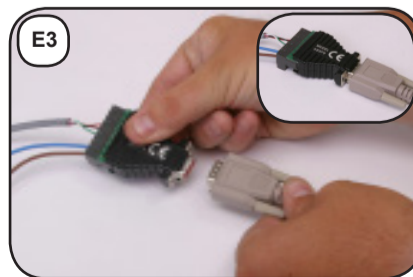
### SOLOnet System Setup Using Windows Hyperterminal - Direct 4-Wire RS485



1) Connect the pre-installed plug of the SOLOnet cable to the thermometer. Align the keyways, push the plug onto the connector and screw tighten the plug sleeve to hand tight only (E1).



2) Connect the 17 numbered cores of the SOLOnet cable to a DIN rail mounted connector block. Make the following connections from the connector block to an 'RS232 to RS485' converter; terminal 14 to Rx(A), terminal 15 to Rx(B), terminal 16 to Tx(B) and terminal 17 to Tx(A) (E2).



3) Connect an external power supply to the converter (see converter spec. for power rating) as follows: -ve to GND and +ve to VDC (E2).  
4) Connect an RS232 serial cable to the 'RS232 to RS485' converter (E3).



5) Connect the free end of the RS232 serial cable to an RS232 port of the designated laptop/PC (E4).



6) Ensure that the laptop/PC (Windows 'XP' recommended) has any 'Pop-up Blockers' disabled and the 'Hyperterminal' utility opened (see REFERENCE LINKS). Load the SOLOnet CD (E5) to access the relevant user/installation information.