



# Configuration



Compatible Devices	Commercial reference		
IM20-H <sup>+1</sup>	IMD-IM20-H		
IFL12H +2	IMDIFL12H		
Smartlink	A9XMSB11 and A9XMEA08		
Link150	EGX150		
+1. Firmware Version $\geq 2.3.0$			

+2: Up to 4 devices

### Prerequisites:

- Ensure that the installation is complete as per section 3.
- · Make note of the Modbus address of the all the connected devices. This
- information is required for configuring the devices.

Note: To edit or enter any value, touch the editable value and a data entry keypad displays. Use this keypad to enter the desired value and touch the Enter button to validate.

### Steps:

1. Power ON the HMI controller.

Setup

- The Password page displays.
- Note: The default password is 0000.
- 2. Enter the password and touch the ok button.
- The Change Password page displays.
- 3. Enter the new password and touch the ok button. The Settings page displays.

Touch the following parameters to select or enter values:

Parameter	Description	Default value	Allowed values
LANGUAGE	Select the desired language	English	<ul> <li>English</li> <li>German</li> <li>Spanish</li> <li>French</li> <li>Portuguese</li> <li>Italian</li> </ul>
ROOM	Enter the desired room name	ROOM-1	Length: 1 to 16 characters • Alphabets • Numerical • Special characters
СОММ	Select the desired communication protocol	RS485	<ul><li>RS485</li><li>TCP/IP</li></ul>
	Note: For TCP/IP, r		
CABINET - 1			
IMD	Enter the Modbus address	0	1247
IFL	Enter the Modbus address and the desired channel name	0 (Modbus Address) For channel names: IFL12H-1 : A1A12 IFL12H-2 : B1B12 IFL12H-3 : C1C12 IFL12H-4 : D1D12	Modbus Address: 1247 Channel names: Length: 1 to 20 characters • Alphabets • Numerical • Special characters
SML	Enter the Modbus address	0	SML1 : 1247 SML2 : 255
	Touch and enable the configured channels.		
	Note: SML1 refers to the A9XMSB11 and SML2 refers to A9XMEA08.		

Parameter	Description	Default value	Allowed values
DI	Select the desired configuration for digital inputs (DI- 0, DI-1, DI-6 and DI-7) and enter the message.	Digital Input Configuration: Disable Alarm State Configuration: Low Message: For DI-0: DI-0 message For DI-1: DI-1 message For DI-6: DI-6 message For DI-7: DI-7 message	Digital Input Configuration: Disable Enable Alarm State Configuration: Low High Message: Length: 1 to 20 characters Alphabets Numerical Special characters
MESSAGE	Configure the messages for both the panels. <b>Note:</b> You can configure 3 lines of message.	Call Electrical Maintenance at 00000 Tell them what is displayed Carry on operation until further notification	Length: 1 to 40 characters • Alphabets • Numerical • Special characters

Touch the following parameters to view the information:

	Parameter	Description	
ABOUT Displays the product name, version device web page.		Displays the product name, version, and the QR code. QR code reads the device web page.	
	ESC	Displays the <b>Installation Ready</b> message displays with green background.	

- 4. Touch and hold at bottom right corner of the device and the HMI controller settings page displays.
- 5. Set the date/time of the HMI controller. Refer Harmony SCU HMI controller hardware guide (EIO000001232) for date/time configuration.
- Note: To update settings after connecting different devices, touch the 🥨 icon. TCP/IP configuration:
- If you chose TCP/IP communication protocol, perform the following steps:
- 1. Enter the IP address of the gateway (Smartlink or Link150).
- Note: If you have configured 2 panels, enter the IP address of gateway of both the panel.

2. Touch the Magelis-ip button.

- The HMI controller settings page displays.
- 3. Enter the IP address of the IMDLRDH in the network settings. Refer Harmony SCU HMI controller hardware guide (EIO0000001232) for network configuration.

Note: All IP addresses should be in the same domain.

#### Insulation Test

This will test the insulation monitoring system in compliance with IEC60364-7-710. To perform insulation test, touch the I icon on the top right corner.

The insulation test begins. A percentage bar is displayed with the progress. During self test,

- 1. An insulation fault is induced and the INSULATION FAULT message displays and buzzer turns ON.
- 2. The induced insulation fault is recovered and the Installation Ready message displays and buzzer turns OFF.
- 3. A success message displays.

Note: Success message displays for two panels if it is configured.

Note: If error message displays, contact Schneider Electric customer care representative for support.





# **Specifications**

Refer the following device documentation for specifications:

Device	Commercial Reference	Title	Part Number
HMI Controller	HMISCU8A5	Harmony SCU HMI controller quick reference guide	S1B90406
		Harmony SCU HMI controller hardware guide	EIO000001232
IFL12H	IMDIFL12H	Vigilohm IFL12H instruction sheet	QGH34270
		Vigilohm IFL12H user manual	7EN02-0407
IM20H	IMD-IM20-H	Vigilohm IM20-H instruction sheet	S1A40442
		Vigilohm IM20-H user manual	VIGED310023EN
Smartlink	A9XMSB11	Smartlink instruction sheet	S1B33423
	A9XMEA08	Smartlink instruction sheet	NVE12086
	A9XMSB11 / A9XMEA08	Smartlink user manual	DOCA0073EN
Link150	EGX150	Ethernet Gateway Link150 Instruction sheet	NHA50221

## Notices

Read these instructions carefully and look at the equipment to become familiar with the device before trying to install, operate, service or maintain it.

Electrical equipment should be installed, operated, serviced and maintained only by qualified personnel. No responsibility is assumed by Schneider Electric for any consequences arising out of the use of this material. A qualified person is one who has skills and knowledge related to the construction, installation, and operation of electrical equipment and has received safety training to recognize and avoid the hazards involved.

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This product must be installed, connected and used in compliance with prevailing standards and/or installation regulations.
 If this product is used in a manner not specified by the manufacturer, the protection provided by the product may be impaired.

• The safety of any system incorporating this product is the responsibility of the assembler/installer of the system.

As standards, specifications and designs change from time to time, always ask for confirmation of the information given in this publication.

