BLUE'LOG XM / XC

Quick Start Guide

Version 20180827

meteo|control

Energy & Weather Services

DEVICE OVERVIEW
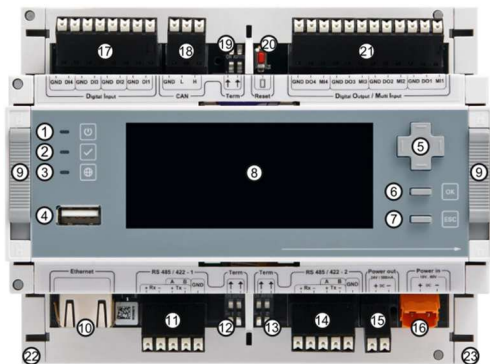
(1)	LED: Power supply status
(2)	LED: Device status
(3)	LED: Online status
(4)	USB port
(5)	Directional pad
(6)	OK button
(7)	ESC button
(8)	Display
(9)	DIN top-hat rail latch
(10)	Network socket (RJ45)
(11)	Interface: RS485-1
(12)	Bus termination of ⑪
(13)	Bus termination of ⑭

(14)	Interface: RS485-2
(15)	Voltage output: 24 V / 500 mA
(16)	Power supply: 24 V
(17)	Digital inputs (4x)
(18)	Interface: CAN
(19)	Bus termination of ⑱
(20)	Reset button
(21)	Digital output / Multi-input
(22)	Side cover left
(23)	Side cover right: Removal for device expansion

ASSEMBLY ON THE DIN TOP-HAT RAIL
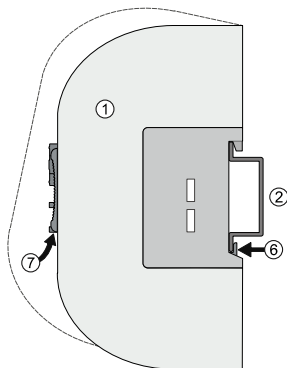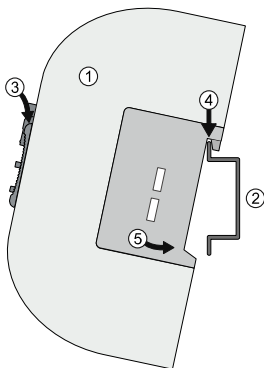
①	blue'Log XM / XC
②	DIN top-hat rail
③	Open latch (position: down)
④	Upper edge of DIN top-hat rail

| ⑤	Press the device
⑥	Latch nose extended
⑦	Closed latch (position: up)

WALL INSTALLATION

Insert two screws 80 mm apart into the wall. Hang the device on the screws using the recesses on the rear side. Push the device downward and check to make sure it is attached correctly.

To remove the device, push it up and pull it off to the front.

Lochabstand: 80 mm
Distance between holes: 80 mm

BLUE'LOG EXPANSION (MX MODULES)

The blue'Log base device can be expanded to provide additional interfaces using various expansion modules (MX modules). For installation information, see the operating manual for blue'Log XM / XC or the instructions for the relevant MX module at https://www.meteocontrol.com/en/services/downloads/ in the section "Photovoltaic Monitoring – Products".
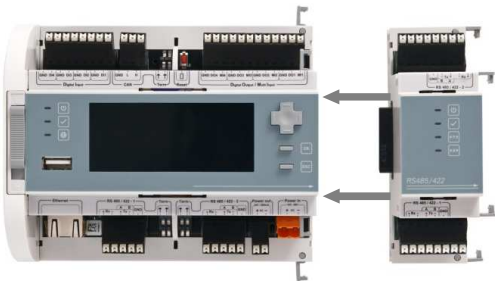
POWER SUPPLY

The current consumption of the blue'Log must be restricted by using an energy-limited circuit. A DC source with limited power may also be used.

The power supply of the blue'Log must meet the following requirements:

Device protection
Voltage: 24 V DC | Current: 3.3 A

You will find details of device protection and further connection options in the operating manual of blue'Log XM / XC.

ASSIGNMENT OF CONNECTIONS

The specific connection parameters of the devices to be installed (e.g. inverters, energy meter, sensors) can be found in the "Compatibility list – blue'Log XM / XC" and the manufacturer's instructions for the relevant device.

Compatibility list → https://www.meteocontrol.com/service/downloads/

STATUS LEDS

The meaning of the LEDs on the front of the blue'Log:

Symbol	LED	Meaning	
⏻	🟢	Green:	blue'Log is supplied with power
	⚪	Off:	No power supply
✓	🟢	Green:	System loaded successfully, normal operation
	🟠	Orange:	System booting, boot phase
	🔴	Red:	System error
🌐	🟢	Green:	Connected to VCOM
	🟠	Orange:	Establishing connection to VCOM
	🔴	Red:	No connection to VCOM

BLUE'LOG CONFIGURATION – NETWORK

The blue'Log is configured via your web browser (e.g. Chrome, Firefox). In order to configure it, you must first configure the network and set up user access.

Network configuration

The Ethernet connection of the blue'Log must be connected to a LAN network (e.g. LAN interface PC, router, switch)

The current IP address of the blue'Log is shown on the display's start screen.

Network:

- With DHCP server: IP address assigned by DHCP server
- Without DHCP server: IP address generated randomly by the blue'Log

(range: 169.254.XXX.XXX)

To adjust your network parameters (DHCP or static), navigate to the network settings by using the directional pad and the buttons.

5

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Display
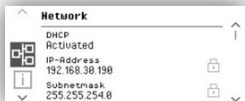
BLUE'LOG CONFIGURATION – WEB INTERFACE

Browser registration

To connect to your blue'Log, enter the blue'Log IP address in the address bar of your Internet browser.

As an alternative, you may enter the blue'Log's host name*.

Router – network support:

- DNS, Netbios: *http://blue-xnnnnnnnn*
- No DNS, Netbios: *http://blue-xnnnnnnnn.local*

  n = last eight digits of the hardware number

*The host name can be changed via the web interface in the "System – Ethernet" menu.

Setting up user access

You need to set up user access when logging on for the first time. Please give a user name, password, display PIN and e-mail address.

User data can be changed and other users set up via the web interface in the "System – Users" menu.

Welcome to the Setup Wizard

At the first login on the blue'Log you configure the "Security and privacy settings" and in addition to that you have the option to choose the Setup Wizard which will then hep you set up the device step by step.

The wizard can be closed and launched again at any time.

Support Access

The "Support Access" is deactivated in the factory settings. If you don't activate the access, meteocontrol is not able to connect to the device in case of service. You can change the setting at any time in the menu "System – User".

Firmware update and time zone

When using the device for the first time, you should check whether

- a new firmware update is available
- the correct time zone is set.

The wizard will automatically guide you through these settings. If you are not using the wizard, navigate as follows

1. Firmware update → "System – Update*" menu
2. Time zone → "System – Date & Time" menu

*When the firmware is updated, the "driver package" will automatically be updated at the same time.

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CONNECTION TO VCOM – REGISTRATION

In order to establish a connection to VCOM, you first need to set up a system in VCOM. After that, you can register in two ways:

1. Via the blue'Log web interface
2. Via VCOM

blue'Log web interface

In the "PV System – VCOM" menu, you need to give a system key (e.g. WTTRY), a VCOM user name and a password and then click on "Registration".

You can set the transfer interval to the desired frequency. The time indicates how often the data in VCOM will be updated.

VCOM

Open the "Register Data Logger" tab in the "System Configuration 🔧 – blue'Log X series – Administration" menu.

Add the blue'Log, giving the blue'Log hardware number (HW No.), the blue'Log user name and the password.

Further information: www.meteocontrol.com