

FTP PUSH BLUE'LOG XM / XC

Item no.: 557.006



Transmission of the measurement data of your PV system to an FTP server of your choice

LICENSE DESCRIPTION

The data loggers blue'Log XM / XC enable the daily transmission of data recorded by a PV system to an FTP server via FTP push. With this function, measurement data can be sent not only to meteocontrol's VCOM portal but also to an independent FTP server. The license FTP push activates this function on the data logger.

FEATURES

- + Platform-autonomous data exchange of interval values via XML
- + Adjustable transmission intervals of five, 15 and 60 minutes
- + Transmission of compressed files (Gzip archive)
- + Measurement values in one-minute intervals
- + Automatic resending of data if the connection is interrupted
- + Transmission of historical data (at least 100 days in the past)
- + Compatibility with Linux and Windows ftp servers
- + Transmission of alarm notification is possible by sending an alarm via e-mail (menu "PV system – alarm configuration")

REQUIREMENTS

- + blue'Log XM / XC
- + License FTP push*
- + Configuration is done in the menu "PV system – FTP push"
 - Transmission interval (setting applies to VCOM and FTP push)
 - [ftp://servername](#)
 - FTP port (default 21)
 - Upload directory
 - User name
 - Password
- + Target directory must already be on the ftp server

*The license is linked to a specific device. When ordering, please provide the 14-digit hardware serial number of the data logger.

GZIP ARCHIVE / XML FILE

- + An XML file contains 5 x 1min
- + All time stamps in the file use the UTC format (i.e., 2018-01-14T10:00:00Z)
- + For transmission intervals of >5 minutes, a number of files will be sent each time (for 60 minutes: 12 XML/gz files)
- + Each XML-File will be compressed and transferred as gz archive
- + File names of the XML and Gzip files:
 - XML
 - <Serial number >_< date >_<start time of the data>_<end time of the data> (z.B. 79810829150006_20181224_2300_2315.xml)
 - GZIP
 - <Serial number>_<date>_<start time of the data>_<end time of the data> (i.e., 79810829150006_20181224_2300_2315.xml.gz)
 - The times used in the file name are UTC based.

STRUCTURE OF THE XML FILE

The XML file is based on meteocontrol's import specifications for the VCOM
<https://github.com/meteocontrol/meteocontrol.github.io/tree/master/import-specification>

Example of the blue'Log device structure

```
<device type="DEVICE-TYPE" id="deviceid">
  <uid>deviceid</uid><!--blue'Log deviceid -->
  <name>Inverter 13.37</name>
  <vendor>Huawei</vendor>
  <model>SUN2000-28KTL</model>
  <serial>1234567890</serial>
  <firmware>9.99.99</firmware>
  <interface-type>RS485</interface-type><!-- ETHERNET, PIN, RS485 -->
  <interface-address>BM_RS485_2</interface-address><!--blue'log portId -->
  <address>${data.address}</address>
</device>
```

Example of units

As a rule, SI units are used by the data logger. Units that differ from import specifications are found in the area <abbreviations>

```
<abbreviations>
  <mv t="E_INT" unit="Wh" />
  <mv t="E_DAY" unit="Wh" />
  <mv t="E_TOTAL" unit="Wh" />
  <mv t="R_ISO" unit="Ohm" />
</abbreviations>
```

Example of an XML file

On meteocontrol's home page, you can download an example of an XML file in the area "blue'Log XM / XC" by using the following link:

<https://www.meteocontrol.com/en/services/downloads/>