

WHAT'S NEW @Ammonit

Dear Customer,

It's time to give an update about our recent developments. Our product range is continuously growing. Our development team is creating new features for our data logger Meteo-40 and our online monitoring platform AmmonitOR. Learn more about our latest features and how you can benefit in your measurement campaign.



When wind conditions are measured in cold climate regions, it is crucial to constantly monitor measurement data as icing can be a serious problem. In addition to a well-designed met mast set-up and a smart heating control system, we recommend installing **outdoor cameras**. Thus you can effectively **verify measurement data with pictures**.

Photos taken parallel to the recording of measurement data can also be used for **campaign documentation**. Meteo-40 can be configured to **upload all photos to AmmonitOR** to summarize the measurement campaign at one place.

Please find further details in the manuals for **Meteo-40** and **AmmonitOR** on www.ammonit.com.

Have you ever texted your Meteo-40? **Sending text messages** can be very efficient, when it comes to maintenance in the field.

Configuring the data logger to go online immediately. Turning on or off switches. Getting current status data from your Meteo-40. All this just by sending an SMS? Yes, send a command via SMS to your Meteo-40, it replies with the requested information or performs the requested action.

In order to use SMS, you require a **PHS8-P modem** and Meteo-40 firmware version 1.2 (2014-09-08) or later. The data sheet for PHS8-P and the **Meteo-40 manual** can be downloaded from www.ammonit.com.



To access the Meteo-40 web interface, a TCP/IP connection between Meteo-40 and PC has to be established, e.g., via:



- **Link-local:** Meteo-40 is connected via Ethernet cable to the Host PC. Meteo-40 has to be configured.
- **LAN:** Meteo-40 and Host PC are within the **same LAN**.
- **WLAN:** Meteo-40 establishes a hotspot. Meteo-40 has to be configured; a **WLAN USB stick** is necessary.
- **USB:** Meteo-40 is connected via USB (A/B) cable to the Host PC; a **driver file** might be required.

There is no doubt that the most convenient connection is via LAN. If LAN is not available, we recommend using **link-local** - especially when it comes to maintenance in the field. Only 4 steps are necessary to set up the connection:



- Connect Meteo-40 and PC with an Ethernet cable.
- Go to the Meteo-40 display menu and set the Ethernet connection in the Method menu to *link-local*.
- Look up the *IP address* of Meteo-40 in its display.
- Open your browser and enter the IP address of the data logger as follows: 'https://169.254.nnn.nnn' as URL → Enter your login details.

Working wireless

Maintenance on Meteo-40 in the field? Don't worry. Use our **WiFi USB adapter** to create a **WiFi hotspot** around your **Meteo-40**. You do not have to climb up the met mast. You access Meteo-40 wireless from your preferred place - in the sun or in your car.

Do you use the **switches** of your Meteo-40? Did you know that switches can be used to **control and perform actions of connected external devices**?

External devices can be a modem, a camera or a heating. **Meteo-40 switches the device on, only when it is needed**, e.g., the camera is only needed, when a photo should be taken. When the device is not needed, it is turned off. The device is not supplied with power via Meteo-40.

Meteo-40 offers **up to 8 switches**. Switches can be configured via the Meteo-40 web interface. Refer to the **Meteo-40 manual** on www.ammonit.com for further details.



Thies has improved the design of its wind vane series First Class - without changing its price! Particularly during the installation you can benefit from the new design. Only two parts have to be assembled through the top-nut mounting method. No tools are required!



The wind vane has a smaller vane sheet and counterweight. The updated wind vane is shorter than the previous model. Thanks to the new design the wind vane is **more robust and more reliable against vibration and mechanical impacts**.

Despite the changes in the design, there are no changes in the measurement quality. The wind vane still measures accurately and is **fully compatible to our Meteo-40** data logger. Please order follows:

- Thies First Class TMR (digital)
Order No.: S21110 / S21110H
- Thies First Class POT (analog)
Order No.: S21210 / S21210H

For further technical details, refer to the data sheets on our website: www.ammonit.com

For further information regarding Ammonit products and services, please refer to our website. [Go to website](http://www.ammonit.com)

We look forward to listen to your comments on our developments. For any support, please do not hesitate to contact us.