

# Vaisala HydroMet™ Automatic Weather Station Client for PDA



## Features

- Real-time, graphical and numerical weather parameter values displayed on a pocket PC PDA
- Number of preconfigured displays and possibility to create own displays
- Alarm functionality for creating alarms on measurements and functionality issues
- Terminal utilities for weather station maintenance
- Enables lightweight and compact alternative for Laptop PC

Vaisala HydroMet™ Automatic Weather Station Client for PDA software is used for viewing real-time weather parameter values in graphical and numerical formats. It is also used for carrying out maintenance tasks on automatic weather stations. The software runs on a pocket PC PDA with Windows Mobile 5.0 and serial line interface support.

## Maintenance and Terminal Utilities

Vaisala AWS Client for PDA can be used for maintenance tasks, such as resetting the station and setting it to a power-saving mode. The terminal utilities in Vaisala AWS Client for PDA are used for downloading log files from the station to your PDA and for controlling the station. You can also use the software to upload and download setups to and from the station. The setup is the set of configurations that controls the station and defines which sensors, measurements, calculations, and reports are available. It also offers a service connection to the station, allowing you to access all the command-line functionality of the data logger.

## Messages and Real-Time Displays

Vaisala AWS Client for PDA is preconfigured with a number of displays for viewing various measurements and calculations carried out by the automatic weather stations. Additionally you can create your own displays in the most suitable format.

The messages and real-time displays configured in Vaisala AWS Client for PDA all depend on the reports sent by the automatic weather station. The AWS Client software receives the report from the station, and makes it possible to create messages based on the report.

The Vaisala AWS Client for PDA real-time displays include a graphical wind display and alphanumeric displays for temperature, pressure, humidity, precipitation, visibility and lightning measurement values. The alphanumeric displays also provide information on the status and configuration of the weather station. The wind display is a graphical wind-rose display showing wind speed and direction.

## Alarms

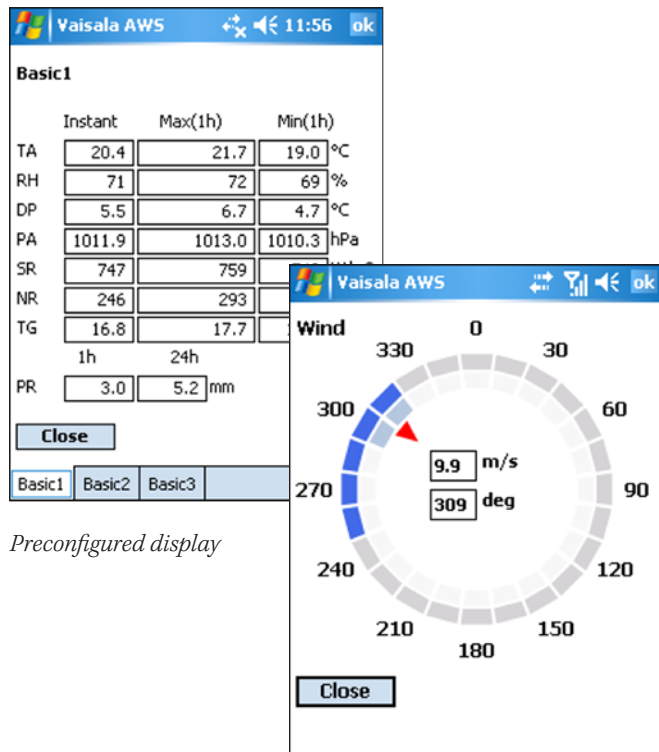
Vaisala AWS Client for PDA also includes alarm functionality to alert you, for example, when measurements are missing, there are communication problems with the sensors or when measurement values exceed predefined limits.

# Technical Data

Component	Minimum Requirement
Pocket PC PDA	400 MHz
PDA Operating System	Windows Mobile 5.0
Desktop Computer Operating System	Windows® XP *) or Windows® 2000 **)
ActiveSync software	Version 4.0 or greater
Program Memory	64 MB SDRAM
Persistent storage memory	50 MB on PDA and 100 MB on desktop computer
Connectivity on PDA	Serial I/O interface

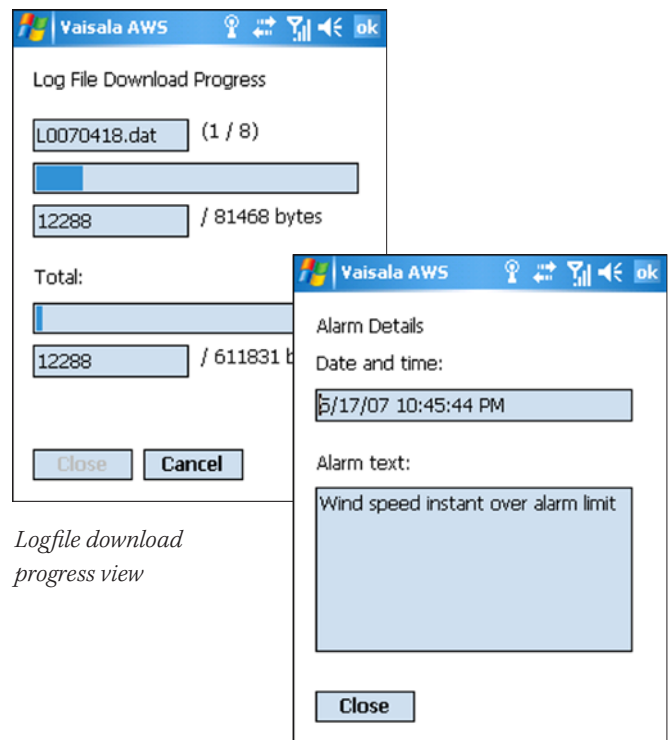
\*) With Service Pack 1 or later

\*\*\*) With Service Pack 4 or later



Preconfigured display

Graphical wind display



Logfile download progress view

Active alarm details



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