

Next generation LOGBOX available now

By Donald van Velsen, Kipp & Zonen Product Manager - With the ongoing innovations in our range of instruments, it was time to update the popular LOGBOX SD data logger with some smart features. The all-new LOGBOX SE replaces the SD model and has many benefits compared to its predecessor. For accurately recording measurement data from small solar monitoring systems at a fixed station, or for portable use in field research, LOGBOX SE is the compact, low power, user-friendly and economical choice.



The new LOGBOX SE data logger

Wireless remote data access

LOGBOX SE has an internal GSM/GPRS quad-band 2G cellular modem that accepts a full-size SIM card and the supplied antenna plugs into the weather-proof logger enclosure. It can send the logged data at a selectable interval, from 1 to 24 hours, to a designated e-mail address or FTP server. Very helpful when you can't visit the site easily and need to access the data remotely.

Perfect all-in-one solution for remote locations

When solar radiation measurements need to be logged at remote locations there is often no power infrastructure available. LOGBOX SE can store up to 2 years of data on the included internal SD card. Thanks to its low power consumption the data logger runs for over 2 months on 6 x AA batteries fitted inside the cover, depending upon the modem usage. You can also choose to power it from a separate DC power supply or from a solar panel and battery; LOGBOX SE has the charger and regulator electronics built in.

A data logger that can handle both analogue and Smart instruments

LOGBOX SE has 4 differential, 4 single-ended and 4 digital inputs that suit the analogue or switched signals from all of

our solar radiation instruments. In addition, you can connect up to 8 of our Smart Modbus® radiometers. LOGBOX SD can only store single values taken at the selected logging interval, the shortest period being 10 seconds. Whereas, the SE can sample every second and store the average, minimum, maximum and standard deviation of the measurement values over the logging interval, usually 1 minute.

LOGBOX SE is ideal for many fixed and field applications, including in solar energy. It replaces the LOGBOX SD and is available right now. Go to www.kippzonen.com/logbox to find out more and to request a quote ■

Fairs & Events

Meteorological Technology World Expo Amsterdam • Netherlands	10 - 12 October
WETEX • Dubai • United Arab Emirates	23 - 25 October
Asia Clean Energy Summit • Singapore	24 - 26 October
Solar Asset Management Europe • Milan • Italy	7 - 8 November
Intersolar India • Mumbai • India	5 - 7 December
AGU fall meeting • New Orleans • LA • USA	11 - 15 December