SKY BRIDGE
Wi-Fi 4-20 mA loop Aanalog Recorder-Alarm

APPLICATION

"SKY BRIDGE" is a plug and play solution for adding web interface, cloud data logging and unlimited range alarm function to devices with standard analog 4-20 mA loop signal output. With a Wi-Fi connection interface and powerful web-based application "SKY BRIDGE" can give a new soul to old measurement instrument. "SKY BRIDGE" is powered by 2 replaceable AA batteries for up to 6 years and connects directly to ordinary 2.4 GHz Wi-Fi.

"SKY BRIDGE" is an ideal tool for adding recording and alarm function to any type of sensor or transducer with 4-20 mA Current Loop output. Web interface offers absolute flexibility about sensor type, measurement range and alarm threshold. All setting parameters like measurement intervals, upload intervals, minimum and maximum allowed thresholds can be set through a web-based application on any platform. It sends out email, text message, and automated phone call alarms as soon as any measured parameter exceeds or falls below preset limits. It also provides access to the records history, graphs and periodical reports.

GENERAL SPECIFICATIONS

Inputs	One Analog	4-20 mA loop
Power supply		2 x AA replaceable batteries
Compliances		IEEE 802.3, EN 61326-1, EN 61010, EN 12830, FCCID: 2AHMR-ESP12F, CE, ROHS, HACCP
Battery life*		Up to 6 years
Upload intervals		One hour to once a week (down to every minute by order)
Record intervals		1 minute to 120 minutes (down 2 sec. by order)
Interface		Wi-Fi - IEEE 802.3 – 2.4 GHz
Max. number of internal records		16,384 (for each channel) – Automatic cloud sync and replace

* Battery life depends on recording intervals, syncing intervals, and number of Alarms

LoggerFlex
smart devices

AMBIENT CONDITIONS

Storage temperature	°C	-25 to +75

DIMENSIONS

Diameter (max.)	L	mm	80.0
Height (max.)	H	mm	34.5

WEB-BASED APPLICATION'S KEY FEATURES

- No need for application installation, web login access on any platform, anywhere, anytime
- Unlimited cloud storage
- Pushing real-time Email, Text Message, and Automated Phone call alarms to unlimited recipients
- Sharing Access to the data with unlimited team members (Viewer/Editor access levels)
- Providing flexible graphs for any desired intervals
- Generating downloadable Excel and PDF reports (detailed readouts with time stamp, Peak points, daily Min/Max average, …)
- Remotely adjusting alarm thresholds

LoggerFlex
smart devices