

SKY BRIDGE

Wi-Fi 2 channels digital & analog recorder-alarm

Channel One: Digital (Dry Contact)
Channel Two: Analog (4-20 mA loop)



APPLICATION

“SKY BRIDGE” is a plug and play solution for adding web interface, cloud data logging and unlimited range alarm function to devices with ordinary dry contact (on / off) and 4-20 mA analog output. With one digital and one analog channels, 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.

Digital input: “SKY BRIDGE” can both record the state of the on / off output of a machine or switch with time stamp and push real time email, text message and automated phone call alarm to unlimited number of recipients around the globe about the state of the output.

Analog input: “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 pre-set limits. It also provides access to the records history, graphs and periodical reports.

GENERAL SPECIFICATIONS

Inputs	One Digital	On/Off dry contact
	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	

AMBIENT CONDITIONS

Storage temperature	°C	-25 to +75
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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 Ltd.
2- 3304, Cambie St.
Vancouver, BC
V5Z 2W5
Canada

info@Loggerflex.com
www.loggerflex.com

Tel.: (604) 210 22 42
Toll free: +1 888 365 88 80

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