

# uBridge

## Critical Asset Online Monitoring System

This smart asset-monitoring system will constantly monitor assets and save data in the event of an alarm/output to a local PLC with no additional software requirements.



**uBridge** can be supplied inside a custom panel or as a board to integrate within an existing control panel.

### SPECIFICATION OVERVIEW

28.6 x 19 cm (OEM compatible)	2 x 8 Channel simultaneous @ 51.2kHz SR
8 x DC Input Voltage channels	2 x 4-20mA Input channels
2 x High-speed Tacho/ Speed References	4 x 4-20mA Outputs (programmed)
24V 0.5A power required	All Dynamic Channels 24-bit Sigma Delta
2kHz & 20kHz (4th order AA Filters)	2.5V and 10V input ranges (programmable)
Linux Opsys/ Image for ARM (Debian)	Stores Data Locally (Up to 128GB SD Card)
4G/ Wi-Fi or LAN comms options	Send data to Cloud (uWorks, Vibra, API)
Secure Services HTTPS/ Port 443 outgoing	40 minutes @ 51.2kHz/ 400mins @ 5.12kHz