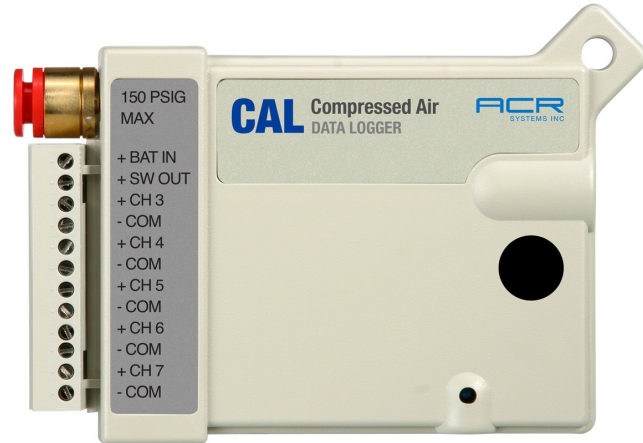


# CAL Logger

**Compressed Air Data  
Logger w/ 8 Channels:  
Temperature, Humidity,  
Pressure, Electric Current,  
Process Signal**



## SPECIFICATIONS

- Memory Size: 6 MB -5 channels at 1 second for 7 days
- Dimensions: 110 x 70 x 20 mm (4.3 x 2.6 x 0.8 in)
- Weight: 120g (4 oz)
- Case Material: Noryl<sup>®</sup> Plastic
- Battery: 1.6 AH 3.6V Lithium
- Resolution: 12 bit Converter 1 part in 4096
- Clock Accuracy:  $\pm 1$  sec over 7 days\*
- Sampling Method: Average or Spot Reading
- Recording Mode: Stop on Full or First-In-First-Out
- Operating Limits: -40 to 70°C (-40 to 158°F)
- Input Impedance: CH3: I:125 $\Omega$ , V:>100k $\Omega$
- Mode Dependent CH4-7: I:400 $\Omega$ , V:>100k $\Omega$
- Software Version: TrendReader 3.09 or Later
- Interface Cable: IC-102 USB to Logger
- Baud Rate: 460K800 (<2.5 min Backup\*)

\*Clock accuracy based on setup with same computer

\*Backup time based on local single USB cable connection

## SYSTEM FEATURES

- Portable Battery Powered - No Wall Adapter Power Source Required
- Ambient Condition Monitoring - Temperature & Relative Humidity
- Integrated Pressure Sensor - Quick Connect Fitting up to 150PSI
- Synchronized Readings between Loggers - One Logger per Compressor
- Uses TrendReader 3 Software - SmartReader Driver Support
- Battery Switch - Lead Acid Battery Operation of External Transducers

## CHANNEL ACCURACY

- Temperature:  $\pm 0.3^{\circ}\text{C}$  over 0 to 70°C ( $\pm 0.5^{\circ}\text{F}$  over 32 to 158°F)
- Relative Humidity:  $\pm 3\%$  RH over 10 to 90% RH
- Pressure:  $\pm 0.7$  PSI ( $\pm 0.5$  Pa)
- Process Signal:  $\pm 0.5\%$  FS + Transducer
- Amprobe Current:  $\pm 3.5\%$  FS above 10%

## WARRANTY

1-year warranty on manufacturer defects, parts, battery and service