

Programmable display of sensor values

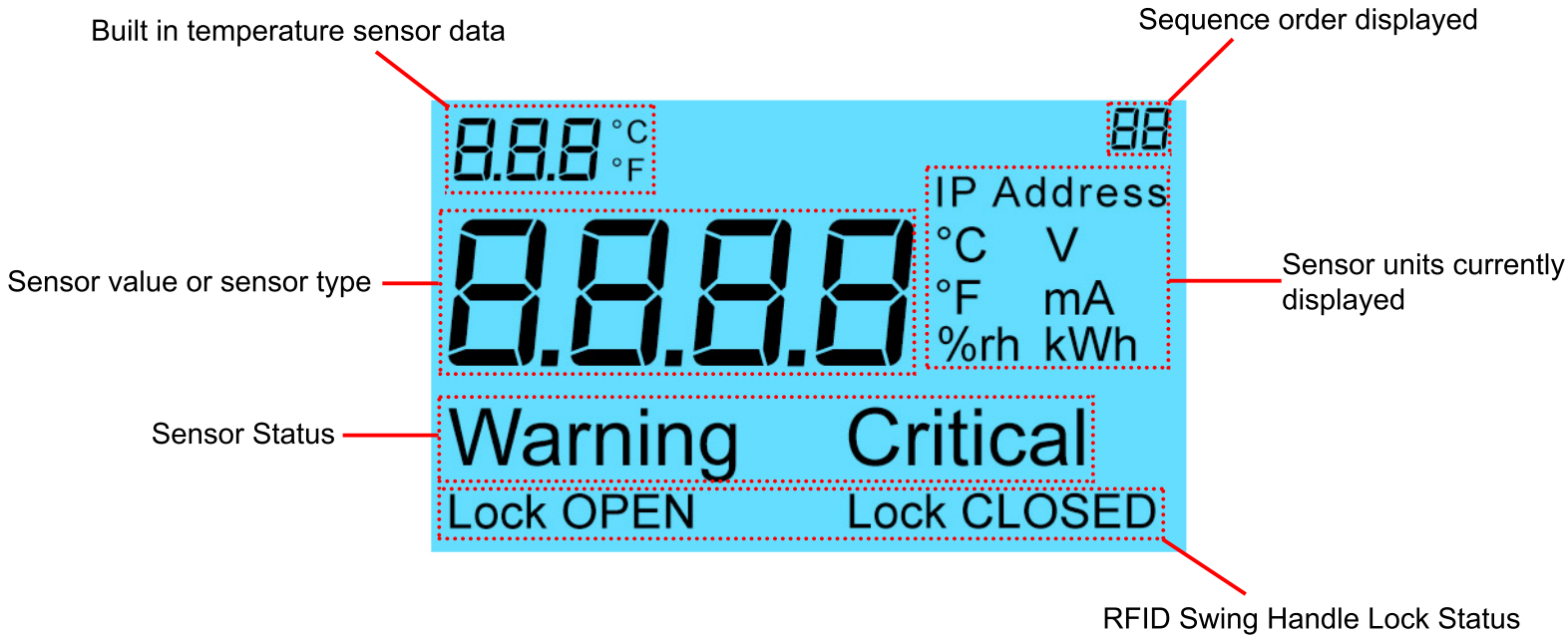
The AKCP LCD Sensor Display plugs into any sensorProbe+ (SP2+, SPX+) base unit and can be programmed to display the data from any AKCP Intelligent or virtual sensor. Mount a single display on the end of an aisle, on the door of every cabinet, or the wall of the room. LED indicators will alert if a sensor is in critical condition, as well as the on screen display of the critical or warning status.

Features

- Easy to read, high quality backlit LCD display
- Connects to available sensor port on sensorProbe+
- Program to display specific sensors
- Keyhole mounting
- LED Status indicator



LCD Display Details



LCD Display Sensor Types

Switch type sensors that have no unit values are displayed as a sensor-type. The following list provides a definition of the sensor mapped to a specific sensor type. An example can be seen on the following page.

- S-01 - Airflow
- S-02 - Dry Contact I/O
- S-03 - Dry Contact Input
- S-04 - Motion Detection
- S-05 - Water Sensor
- S-06 - Security Sensor
- S-07 - Siren and Strobe
- S-08 - Sensor Controlled Relay
- S-09 - AC Voltage Sensor
- S-10 - 8x Sensor Controlled Relay
- S-11 - Smoke Detector
- S-12 - 8 Dry Contact I/O
- S-13 - Rope Water Sensor
- S-14 - 5 Input Dry Contact
- S-15 - Handle Lock Status
- S-16 - Handle Reader Status
- S-17 - Virtual Sensor (Switch Type)
- S-18 - LCD sensor status

Example of LCD display program



Sensor 1 - Temperature (°C)



Sensor 2 - Power (Amps)



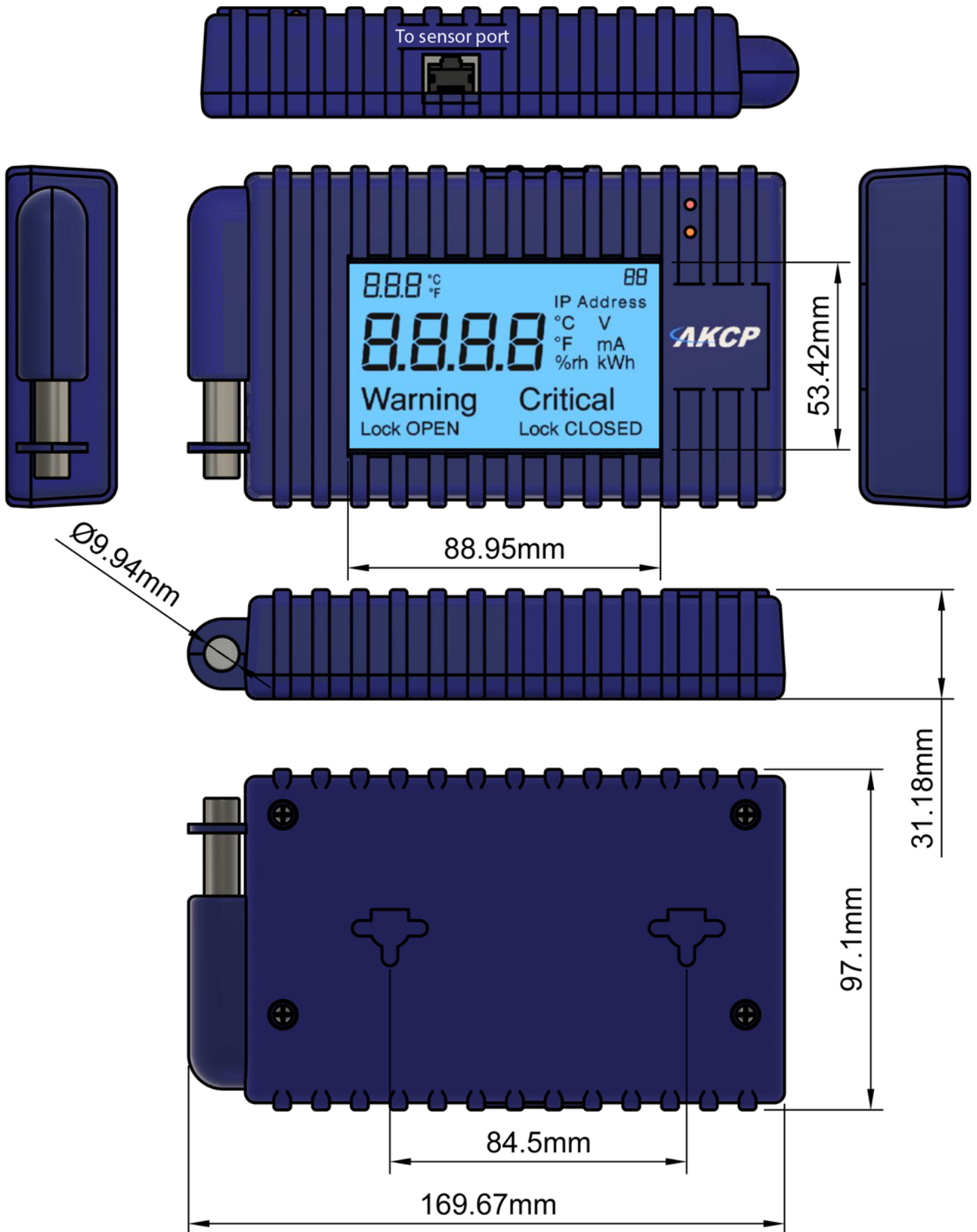
Sensor 3 - Cabinet door lock (sensor type 16)



Sensor 4 - Voltage Sensor (V)

Through the sensorProbe+ web interface the LCD display is programmed to display the sensors you wish to view and the sequence in which they are displayed. The above example shows a series of 4 sensors status being displayed.

Technical Drawing



Technical Specifications

| | |
|--------------------|--|
| Power input | 5V via sensor port. |
| Current | Typically 45mA, 0.22W |
| Display | <p>Continuous embedded temperature display</p> <p>Display up to 8 sensor in standard rotation list, configured via SP+ web Interface with preview.</p> <p>Display up to 8 sensors in critical rotation list, configured via SP+ web Interface with preview.</p> <p>2 global status LEDs</p> <p>Display sensor status Warning or Critical</p> <p>Display sensor units : °C, °F, %rh, %, V, (m)A, (k)W, (k)Wh</p> <p>Display unit's IP address when pluggin in</p> <p>Display SHL lock status : Open, Closed</p> |

Supported on sensorProbe+ only.
Embedded temperature sensor.

About AKCP

AKCP established in the USA in 1981, created the market for networked temperature, environmental and power monitoring solutions. Today with over 100 employees and 130,000 installations, AKCP is the world's oldest and largest manufacturer of SNMP enabled networked sensors for the data center.