

Overview

AirCare Automation's ACC7039 – Field Configure Environment Monitoring Console intelligently MONITORS clean room and facility environments. The console provides system monitoring in one easy-to-use package. The ACC7032 provides Environment Monitoring with up to 6 analog sensors that can be monitored and data-logged. The Console is field configurable to match your facility layout needs.

The ACC7039 Console can be supplied in an Enclosure (ACPNL00 option). Ethernet access provides PC-link for datalog transfer and e-mail alarm notification.



Functions/ Features

- **6 analog (4-20mA) sensors**
- **Alarm for error**
- Monitor/Alarm - following error types:
 - Communication error with the node
 - Pressure switch fault (AC)
 - RPM low or high limit exceeded (EC)
- Menu driven configuration options
- Audible Alarm, Remote-Relay alarm and e-mail alarm notification

Environment

- Panel mounted console
- Operational temperature: 0 to 50°C (32 to 122°F)
- Storage temperature: -20 to 60°C (-4 to 140°F)
- Relative Humidity (RH): 5% to 95% (non-condensing)

Enclosure (ACPNL00 option)

- Wall mount, captured hinge cover, w/key latch
- Raised mounting rails create clean wiring channel
- Dimensions - contact factory
- RJ45 Coupler included for easy FFU daisy chain
- Din-Rail SMPS included (100-240 VAC Input)

Specifications for Touchscreen Console

Power Supply

- Input Voltage : 24 VDC
- Max Current Consumption: 420mA@24V

Display Screen

- TFT, LCD Display , White LED backlit
- Viewing Area: 3.5"
- Display resolution: 320 x 240 pixels

Keyboard

- Virtual Keyboard when Data entry needed.

Communication

6- Analog (4-20 mA) analog ports
(programmed for T, RH, Diff Press.)

Alarm Relay Output – Dry Contact

Ethernet Port for PC / LAN interface

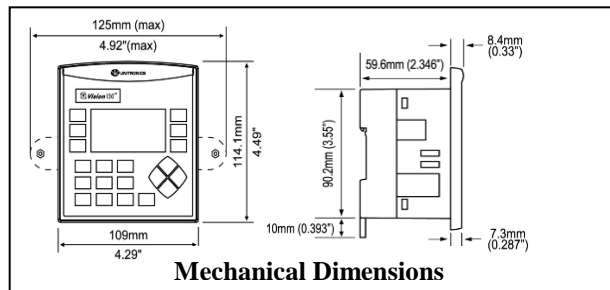
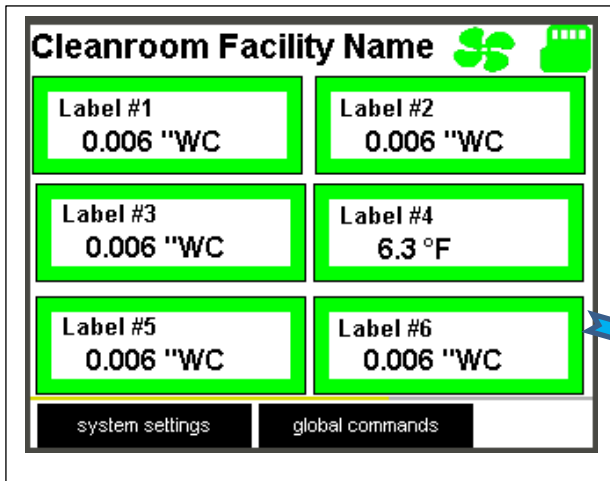


ACC7039 in enclosure ACPNL00 option

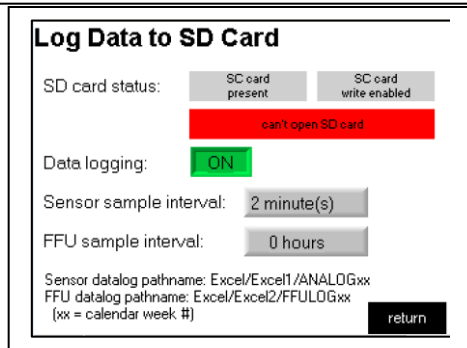
EXAMPLE SCREENS

Main screen- Sensor Monitoring

The main screen shows the sensor status and measurements – key to cleanroom performance. Up to 6 sensors are visible and color coding quickly identifies if the rooms are within acceptable range. The fan-blade provides FFU status (color code) and access to the facility group screen.. and the data-file icon demonstrated the status of the data-log process. System and global settings are also easily accessible from this point.

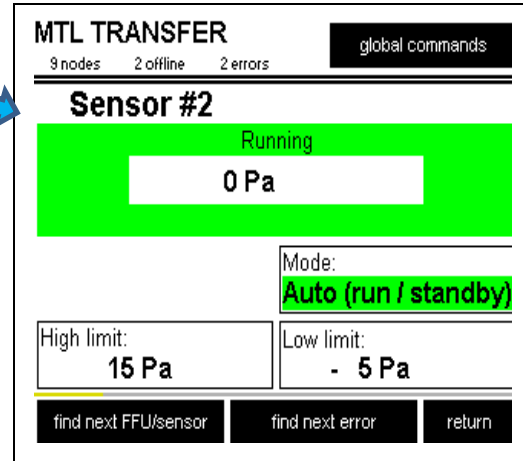
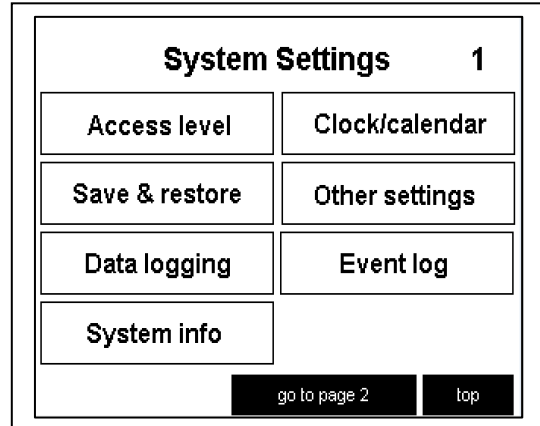


Data Log – Stored on SD Card & transfer to PC reporting



System Settings

Field Configurable Global settings and Individual Sensor Settings - provides step-by-step details on setting up your console. Sensor set-up and monitoring screens shown below



Event Log – Stored on SD Card & transfer to PC reporting

