

EasyIO 3.5" display touch screen EasyIO-FG-LCD



The FG-LCD is a smart and cost effective touch screen interface to display real time status information and modify points values on a building control system. The LCD is a touch screen display which is very easy to use for different users. It works in latest Sedona Framework and interfaces seamless with all Sedona based devices and makes information accessible from all systems connected to these devices.

The FG-LCD can interface with up to 18 devices at any point in time. A device can be an EasyIO controller, a JACE or Niagara AX Supervisor.

The Sedona devices must have the EasyIO-FG-LCD kit installed inside its Sedona platform in order to communicate with the LCD display. For a JACE or Supervisor, you need to install the EasyIOLcd.jar in the modules directory in the JACE or Supervisor.

To connect the FG-LCD to devices you need to use a CAT5 cable (straight). With the RJ45 connectors and for the power, a normal power cable will be used.

Specification:

Power supply	24VAC / 24VDC
Power consumption	Max 1A at 24V
Communication port	Ethernet 10/100 Base-T
Processor	ARM Cortex M3 72Mhz
SD Card support	SDSC/SDHC (Card support for Firmware upgrades)
LCD resolution	1W x2
LCD color depth	RGB (565)
Buzzer	Built-in
Touch screen	Resistive 3,5"
USB port	Mini USB (for future upgrades)
Operating temperature	0..+50°C, max 95% RH non-condensing
Storage temperature	-20..+65°C
Operating humidity	10..95% RH non-condensing
Enclosure	IP40 (Panel Door)
CE Approval	EN61000-6-3: 2001 (Emissions) EN61000-6-2: 2001 (Immunity)
Mounting	Panel Mounting
Terminals	High quality spring-cage terminal blocks
Dimensions	5,3 x 4,9 x 1,9 inch Cut-out: 4,6 x 3,9 inch

Features:

- Touch screen with sharp color display
- Sedona Framework™ support
- View and edit points
- Supports multiple data types e.g. Boolean, integer, float
- Ethernet based
- Simple configuration/setup on both Sedona devices and LCD display
- Easy Firmware upgrade
- Real Time Data upgrade
- Small form factor
- Accessible up to 600 points per controller
- Access to multiple controller
- Cost effective upgrade in project phase
- Minimum effort for system transfer from existing EasyIO product
- Simplified control of maintenance / facility team
- Watchdog governed to prevent system abnormality
- Simple and clean GUI
- Communicates with all Sedona devices (EasyIO-FG-LCD kit)