

Color touch display 7" for panel mount

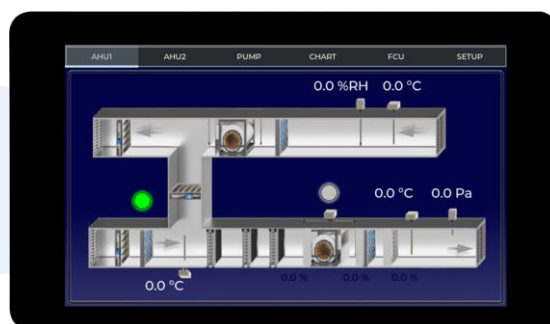
Freely configurable widgets

Add pages as required

Modbus

Panel Mount

Non-Volatile memory



Applications

- HMI in Plantroom, panels and machine rooms
- Optional touch for adjusting user values such as Setpoint

Features

- High resolution TFT Color display with optional touch
- Display Modbus variables on widgets in either text or graphic format
- Write widget values via Modbus
- Models have different numbers of pages and widgets
- Backlight On/Off configurable on Modbus with auto timer
- Optional password on touch widgets
- Auto page flip to bring users attention to information

Display

7" 800x480 pixel high contrast capacitive touch screen with back light. The wake and sleep timer are configurable on Modbus. Touch widgets are available on -T models to provide control of Modbus values.

Operation

Set the personality using edgeUP Composer GUI editor and download using edgeUP desktop application. The personality files determine everything from the number of pages (multipage models), widgets, widget alignment, widget to Modbus register association and many more unbelievable features. A truly amazing product that will change the way we visualize data from control systems.

Configurable and interactive with a response time that makes the user experience great.

Specifications eZi-COM-DSP-3

Display	7" 800x480 capacitive touch screen
Communication	Modbus Slave [addr1/9600/8/n/1] Configurable up to 56k
Power Supply	12V DC 5W
Clock	None
Working Temp	0°C ~65°C, 0~85%RH (Non-condensing)
Storage Temp	-10°C ~80°C
Housing	Acrylic bezel. 1.2mm powdercoat housing.
Dimensions	111h x 193w x 19d (mm)
Cutout	102h x 172w
Protection	IP30
Weight	276g
Warranty	12 months. Limited to replacement of product

Termination and wiring

4-way plug in 5mm terminal block with USB C

GUI design

Use edgeUP configuration tool as a complete design and download tool or edgeUP Composer for drag and drop design with edgeUP for file transfer. Refer to [eZi-COM-DSP-UserManual.pdf](#) for a list of widgets. All resources available on eZiControl [Knowledge](#) website.

Downloading personality

USB C. Use edgeUP desktop app for downloading personality files and configuration of baud rates etc.

Models and Licensing

- eZi-COM-DSP-3.

All models require a once off license file to enable communication, display and touch features. Order device with pre-loaded license or as a separate downloadable file

eZi-COM-DSP-3	TFT 7" configurable color display.
eZi-COM-DSP-3-T3	DSP-3 with T3 pre licensed

eZi-View-LIC-D1	eZi-View display license Display Model 1
eZi-View-LIC-D2	eZi-View display license Display Model 2
eZi-View-LIC-D3	eZi-View display license Display Model 3
eZi-View-LIC-T1	eZi-View display license Touch Model 1
eZi-View-LIC-T2	eZi-View display license Touch Model 2
eZi-View-LIC-T3	eZi-View display license Touch Model 3
eZi-View-LIC-UP-D-T	eZi-View license upgrade from Display to Touch
eZi-View-LIC-UP-D-1	eZi-View license upgrade Display Model by 1 level. Note 2 required for upgrade from level 1 to 3
eZi-View-LIC-UP-T-1	eZi-View license upgrade Touch Model by 1 level. Note 2 required for upgrade from level 1 to 3

Example order.

eZi-COM-DSP-3-T3. Provides a display with up to 6 tabbed screens, touch control and the widget quantities listed in the user manual.

eZi-COM-DSP-3. Provides a blank display. Order eZi-View-LIC-D1 when ready to commission display.