

# EA HMI Series Hardware

## MODBUS RTU/TCP DISPLAY WITH TOUCH PANEL

### EA HMI SERIES



## FEATURES

- Brilliant color display with typ. 1,000 cd/m<sup>2</sup>
- Touch panel included
- Wide viewing angle with  $\pm 170^\circ$
- Modbus RTU and TCP
- Free definable display content: text, pictures, value, bargraph, instrument...
- Supports up to 256 modbus register
- Many interface options, RS485, LAN, WiFi, Modbus....
- Wide power supply range 5V..30V=
- Wall mount and panel mount
- More sizes are under development
- Quick and easy cable commissioning thanks to tool-free push-in connection technology

## ORDERING CODE



Small/Short  
Protocol

4.3" Touch, WiFi and RS485 **EA HMI043WU-42ATCS**  
4.3" Touch, LAN, WiFi and RS485 **EA HMI043LU-42ATCS**



4.3" Touch, Modbus RTU/TCP, WiFi and RS485 **EA HMI043WM-42ATCS**  
4.3" Touch, Modbus RTU/TCP, LAN, WiFi and RS485 **EA HMI043LM-42ATCS**

## ACCESSORIES

Mounting clips (2 pcs.)	<b>EA 00C1-1KNS</b>
24V= power supply unit 110/230V~	<b>EA PS24V-18W</b>
Y cable for power supply (for 1-2 displays)	<b>EA KH21-102Y</b>
USB <-> RS-485 Adaptor	<b>EA 9790-USB485</b>

### **EA HMI Series**

Measure, monitor and visualize. The new HMI series expands a classic control unit in control cabinet with an color display inclusive touch. Measured values can be displayed and settings can be made by touch. Thanks to edge computing, even complex and visually appealing screen layouts can be easily implemented.

### **WiFi, RS-485, Ethernet**

Program your control tasks via USB, LAN, RS485 and connect the desired HMI displays via RS-485 or WiFi. The HMI modules understand various protocols, like modbus. The modules are installed in a high-quality injection-molded plastic housing. This is used for wall mounting, but is also perfectly suited for front panel installation. The modules itself use a high brightness all angle view IPS display, perfect for outdoor usage.

### **Arbitrarily expandable**

Different requirements need different displays. Choose from different sizes. All displays were developed in Germany. The support includes at any time a direct contact person from the development incl. assistance in programming.

	4.3"	7"	Unit
Resolution	480x272	1024x600	Pixel
Dimension	114x84	190x125	mm
Interfaces	RS485, WiFi, LAN	RS485, WiFi, LAN	
Protocol	Modbus, Small, Short	Modbus, Small, Short	
U-Plaster mount	no	no	
Wallmount	yes	yes	
Front panel mount	yes	yes	
Display	IPS with PCAP, optically bonded		