

PROFESSIONAL OPERATION PANEL WITH I/O

- User Friendly Script Language
- High memory and storage capacity
- Project download and upload via USB
- Industry Standard communication networks
- Font support for FreeType and Windows

- **Communication Protocols:** Modbus, ASCII, RTU, TCP/IP, MODBUS TCP, UDP, SNMP
- **Siemens S7:** 300/400/1200/1500 PLC Protocol Support
- **USB:** 1xUSB 2.0 (Client), 1xUSB 2.0 (Host)
- **Serial Ports:** 1 x RS485 (Terminal), 1 x RS232 (Terminal), 1 x RS232 (DB-9)
- **Ethernet:** 1 x 10/100 Mbps
- **Power supply:** 18-30VDC
- **MCU** ARM Cortex-A7, 528Mhz. ARM Cortex-A9, 800Mhz
- **Flash Memory:** 4 GB
- **Ram:** 512 MB DDR3 SDRAM
- **Battery:** CR2032 button cell lithium 3V (removable) with 5 years life

7" Series

Free Proop Builder Software

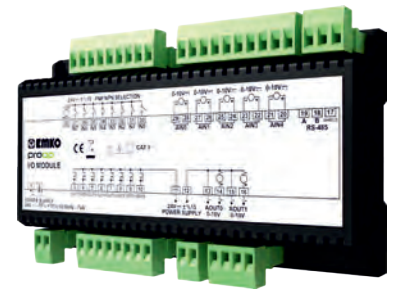
10" Series

Free Proop Builder Software

Code	Light	Control	Light	Control	Process
	PROOP-7LE	PROOP-7CE*	PROOP-10LE	PROOP-10CE	PROOP-10PE*
Specifications:					
Digital Inputs	-	4	-	5	5
Digital Outputs	-	4	-	4	4
Analog In 4-20mA	-	-	-	-	2
Analog Out 4-20mA	-	-	-	-	2

Din Rail I/O Expansion Modules

Code	Description
IO-P2213	8 Digital In/ 8 Digital Out
IO-P221311	8 Digital In/ 5 PT100/ 8 Digital Out/ 2 Analog Out 0/4-20mA
IO-P221312	8 Digital In/ 5 PT100/ 8 Digital Out/ 2 Analog Out 0-10Vdc
IO-P221321	8 Digital In/ 5 Analog In 0/4-20mA/ 8 Digital Out/ 2 Analog Out 0/4-20mA
IO-P221332	8 Digital In/ 5 Analog In 0-10Vdc/ 8 Digital Out/ 2 Analog Out 0-10Vdc
IO-P221341	8 Digital In/ 5 Analog In 0-50mV/ 8 Digital Out/ 2 Analog Out 0/4-20mA
IO-P221342	8 Digital In/ 5 Analog In 0-50mV/ 8 Digital Out/ 2 Analog Out 0-10Vdc
28D33BO	USB Programming Cable



I/O Expansion Card

- * For units with Wi-Fi add **WI** to part number
- All the above I/O cards use RS485 Communication and require 24VAC/DC Power Supply
 - GSM Units available on request
 - PT100 range: -200 to 650°C. • Analog inputs: 14-Bit. • Analog Outputs = 12-Bit • Connect up to 32 I/O Expansion Modules

POULTRY AUTOMATION AND CONTROL SYSTEMS

- Emko Cloud Web Management
- Multiple Poultry Visualisations
- Remote Monitoring and Control for Android and IOS
- Alarm SMS's

- **Power Supply:** 24VDC
- **CPU:** ARM Cortex-A9, 800Mhz
- **RAM:** 512MB
- **Flash Memory:** 4GB
- **Ethernet:** 1 x 10/100 Mbps
- **Battery:** CR2032 button cell lithium 3V (removable) with 5 years life

	10" HMI Touch Panel	I/O Expansion Modules	GSM SMS Module	RS485 Humidity and Temp. Sensor
Code	EPC-T10	EPC-N-IO	EPC-N-GSM	PMD-W-O/O-110
Specifications:	2 x USB 1 x Ethernet 1 x RS232 (For GSM Module) 1 x RS485 (I/O card) Com Port	8 Digital Inputs 18 Relay Outputs 11 Analogue Inputs 2 Analogue Outputs 2 x RS485 Com Ports (For I/O communication)	GSM SMS Module Antenna + 3m Communication Cable	Wall Mounting Humidity and Temperature Sensor RS485 Communication Temp: -20 to 80°C Humidity: 0 - 100% RH