



Multi-language support,
Free Type and Windows Font support,
Defining user image library,
Simulation feature,
Video playback feature.

C / C ++ real-time programming,
BACNET MSTP,
MODBUS-RTU / -ASCII (Master / Slave) communication,
Compatible with OMRON Host Link, DELTA DVP Series PLCs.

- ARM Cortex-A Series
- 512 MB DDR3 SDRAM
- 8GB eMMC
- 50000 hours Backlight Life



Technical Specifications

System		Display	
Communication Ports	1x RS-232 + 1x RS485 + 1x USB host + 1x USB device	LCD Backlight	Led
Real Time Clock	Internal	Touch Method	Resistive Analogue
Environmental Conditions		Power	
Protection Class	Ip65	Operating Voltage	18...30Vdc
Operating Tem. / Humidity	0...50°C / 0...90%RH	Power Consumption	5W (4.3", 5"), 6W (7")
Storage Temperature	-20...60°C	RTC Battery / Life	Cr2032 button cell lithium bat. 3V / 10years

Product Codes

Proop Black Eco	Display Type	Display Colors	Display Resolution	Luminance (Cd/m2)	Device Dimensions	Panel Cut-Out	Weight
Proop.black-4.eco	4.3" TFT	260K colors	480x272	530	153x105x50mm	143x97mm	350gr
Proop.black-5.eco	5" TFT	260K colors	800x480	330	153x105x50mm	143x97mm	350gr
Proop.black-7.eco	7" TFT	260K colors	800x480	300	206x152x50mm	196x142mm	700gr



7" TFT LCD
Touch screen



10" TFT LCD
Touch screen



ARM Cortex-A Series



512 MB
DDR3 SDRAM

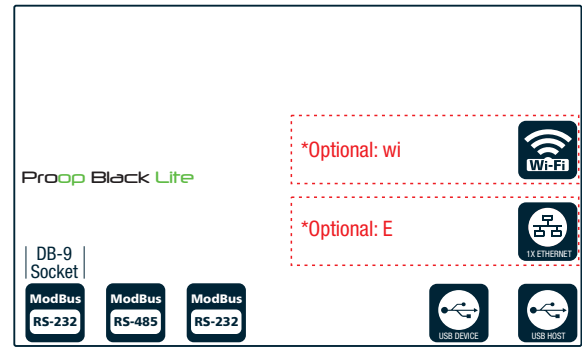


8GB eMMC



50000 hours
Backlight Life

Multi-language support, Free Type and Windows Font support,
Defining user image library,
Simulation feature,
MQTT communications protocol,
SQL client property,
VNC remote control feature,
SMB file sharing,
Video playback feature,
C / C ++ real-time programming,
BACNET MSTP, MODBUS-RTU / -ASCII (Master / Slave) communication,
Communication with SIEMENS, BACKNET IP, OMRON FINS, MODBUS TCP,
Compatible with OMRON Host Link, DELTA DVP Series PLCs.



Technical Specifications

Dimensions

Device Dimensions	7" (206x152x50mm) , 10.1" (278x200x50mm)
Panel Cut-Out	7" (196x142mm) , 10.1" (265x186mm)
Weight	7" (700gr) , 10.1" (1300gr)

Environmental Conditions

Protection Class	Ip65
Operating Tem. / Humidity	0...50°C / 0...90%RH
Storage Temperature	-20...60°C

Display

LCD Backlight	Led
Touch Method	Resistive Analogue

Power

Operating Voltage	18...30Vdc
Power Consumption	6W (7"), 8W (10.1")
RTC Battery / Life	Cr2032 button cell lithium bat. 3V / 10years

Product Codes

Proop Black Lite	Display Type	Display Colors	Display Resolution	Luminance (Cd/m2)	Ethernet (10/100 Mbps)	Wifi (IEEE 802.11b/g/n)
Proop.black-7L.wi	7" TFT	260K colors	800x480	300		1x
Proop.black-7L.E	7" TFT	260K colors	800x480	300	1x	
Proop.black-7L.Ewi	7" TFT	260K colors	800x480	300	1x	1x
Proop.black-10L	10" TFT	16M colors	1024x600	270		
Proop.black-10L.wi	10" TFT	16M colors	1024x600	270		1x
Proop.black-10L.E	10" TFT	16M colors	1024x600	270	1x	
Proop.black-10L.Ewi	10" TFT	16M colors	1024x600	270	1x	1x



7" TFT LCD
Touch screen



10" TFT LCD
Touch screen



ARM Cortex-A Series



512 MB
DDR3 SDRAM

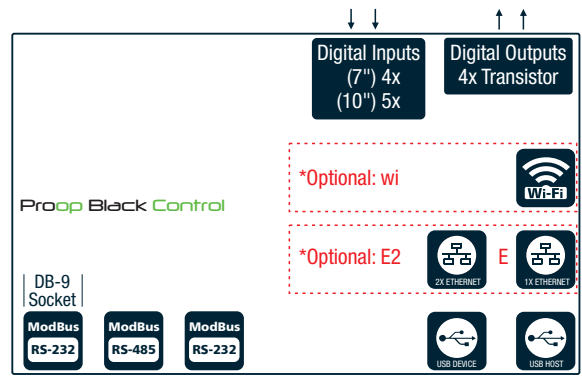


8GB eMMC



50000 hours
Backlight Life

Multi-language support, Free Type and Windows Font support,
Defining user image library,
Simulation feature,
MQTT communications protocol,
SQL client property,
VNC remote control feature,
SMB file sharing,
Video playback feature,
C / C ++ real-time programming,
BACNET MSTP, MODBUS-RTU / -ASCII (Master / Slave) communication,
Communication with SIEMENS, BACKNET IP, OMRON FINS, MODBUS TCP,
Compatible with OMRON Host Link, DELTA DVP Series PLCs.



Technical Specifications

Dimensions

Device Dimensions	7" (206x152x50mm) , 10.1" (278x200x50mm)
Panel Cut-Out	7" (196x142mm) , 10.1" (265x186mm)
Weight	7" (700gr) , 10.1" (1300gr)

Environmental Conditions

Protection Class	Ip65
Operating Tem. / Humidity	0...50°C / 0...90%RH
Storage Temperature	-20...60°C

Display

LCD Backlight	Led
Touch Method	Resistive Analogue

Power

Operating Voltage	18...30Vdc
Power Consumption	6W (7"), 8W (10.1")
RTC Battery / Life	Cr2032 button cell lithium bat. 3V / 10years

Product Codes

Proop Black Control	Display Type	Display Colors	Display Resolution	Luminance (Cd/m2)	Ethernet (10/100 Mbps)	Wifi (IEEE 802.11b/g/n)	Digital Inputs	Digital Outputs (Transistor)
Proop.black-7C	7" TFT	260K colors	800x480	300		1x	4x	4x
Proop.black-7C.wi	7" TFT	260K colors	800x480	300			4x	4x
Proop.black-7C.E	7" TFT	260K colors	800x480	300	1x		4x	4x
Proop.black-7C.E2	7" TFT	260K colors	800x480	300	2x		4x	4x
Proop.black-7C.Ewi	7" TFT	260K colors	800x480	300	1x	1x	4x	4x
Proop.black-7C.E2wi	7" TFT	260K colors	800x480	300	2x	1x	4x	4x
Proop.black-10C	10.1" TFT	16M colors	1024x600	270			5x	4x
Proop.black-10C.wi	10.1" TFT	16M colors	1024x600	270		1x	5x	4x
Proop.black-10C.E	10.1" TFT	16M colors	1024x600	270	1x		5x	4x
Proop.black-10C.Ewi	10.1" TFT	16M colors	1024x600	270	1x	1x	5x	4x



10" TFT LCD
Touch screen

Multi-language support, Free Type and Windows Font support,
Defining user image library,
Simulation feature,
MQTT communications protocol,
SQL client property,
VNC remote control feature,
SMB file sharing,
Video playback feature,
C / C ++ real-time programming,
BACNET MSTP, MODBUS-RTU / -ASCII (Master / Slave) communication,
Communication with SIEMENS, BACKNET IP, OMRON FINS, MODBUS TCP,
Compatible with OMRON Host Link, DELTA DVP Series PLCs.



ARM Cortex-A Series



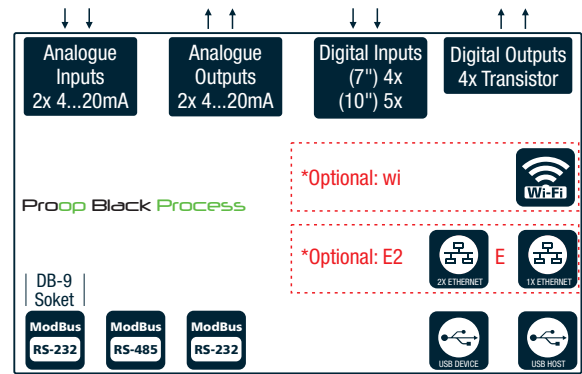
512 MB
DDR3 SDRAM



8GB eMMC



50000 hours
Backlight Life



Technical Specifications

Dimensions

Device Dimensions	10.1" (278x200x50mm)
Panel Cut-Out	10.1" (265x186mm)
Weight	10.1" (1300gr)

Environmental Conditions

Protection Class	Ip65
Operating Tem. / Humidity	0...50°C / 0...90%RH
Storage Temperature	-20...60°C

Display

Display Colors	16M Colors
Display Resolution	1024x600
Luminance (Cd/m2)	270
LCD Backlight	Led
Touch Method	Resistive Analogue

Power

Operating Voltage	18...30Vdc
Power Consumption	8W (10.1")
RTC Battery / Life	Cr2032 button cell lithium bat. 3V / 10years

Product Codes

Proop Black Process	Ethernet (10/100 Mbps)	Wifi (IEEE 802.11b/g/n)	Digital Inputs	Digital Outputs (Transistor)	Analogue Inputs	Analogue Outputs
Proop.black -10P.0.D5.D4.AC.AC			5x	4x	2x 4...20mA	2x 4...20mA
Proop.black -10P.wi.D5.D4.AC.AC		1x	5x	4x	2x 4...20mA	2x 4...20mA
Proop.black -10P.E.D5.D4.AC.AC	1x		5x	4x	2x 4...20mA	2x 4...20mA
Proop.black -10P.Ewi.D5.D4.AC.AC	1x	1x	5x	4x	2x 4...20mA	2x 4...20mA
Proop.black -10P.E2.D5.D4.AC.AC	2x		5x	4x	2x 4...20mA	2x 4...20mA
Proop.black -10P.E2wi.D5.D4.AC.AC	2x	1x	5x	4x	2x 4...20mA	2x 4...20mA