



7" TFT LCD  
Touch screen

10.1" TFT LCD  
Touch screen



ARM Cortex-A Series



512 MB  
DDR3 SDRAM

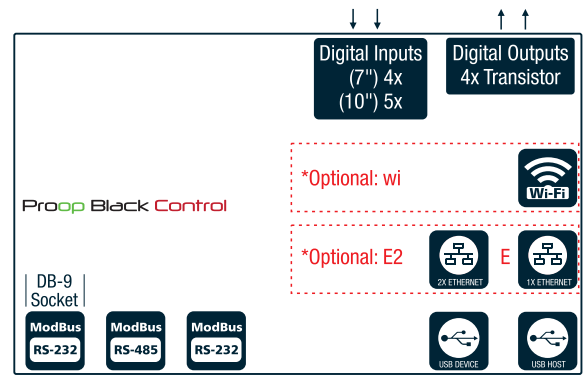


8GB eMMC



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.<br>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                           |