

## Proop Black 7 Control

7 inch Professional Operator Panel

7" high resolution TFT LCD display  
 Internal digital input / output features  
 Ethernet, RS-232 and RS-485 communication  
 Optional WiFi and 2nd Ethernet input  
 Process monitoring / control  
 Remote monitoring / control

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| Features                          | Descriptions                          |
|-----------------------------------|---------------------------------------|
| <b>Graphics / Visual Features</b> |                                       |
| Display Type                      | 7 inc TFT                             |
| Display colors                    | 260K color                            |
| Resolution                        | 800x480                               |
| Storage / Operating Temperature   | -20 °C with +60 °C / 0 °C with +50 °C |
| Physical Features                 | 90 % max. (None condensing)           |
| Dimensions                        | 206 mm x 152 mm 50 mm                 |
| Panel section                     | 190 x136 mm                           |
| Weight                            | Approximately 700g                    |
| <b>Technical Specifications</b>   |                                       |
| Digital Inputs                    | 4                                     |
| Digital Outputs                   | 4                                     |
| Analogue Inputs                   | None                                  |
| Analogue Outputs                  | None                                  |
| Serial Communication-2            | RS-485 (Terminal) Maks. Hız : 57600   |
| Serial Communication-3            | RS-232 (Terminal) Maks. Hız : 230400  |
| Serial Communication-4            | RS-232 (DB-9 socket)                  |
| MCU                               | ARM Cortex-A Series                   |
| Flash Memory                      | 8GB eMMC                              |

|                                |   |
|--------------------------------|---|
| <b>RAM</b>                     | 512 MB DDR3 SDRAM   |
| <b>Buzzer</b>                  | Build in >=85 dB  |
| <b>USB Device</b>              | 1 x USB 2.0   |
| <b>USB Host</b>                | 1 x USB 2.0   |
| <b>Optional Communication</b>  | Wi-Fi (IEEE 80211 b/g/n), Ethernet (10/100 mbps full Duplex)  |
| <b>Communication Protocols</b> | Modbus-RTU, Modbus-ASCII, Modbus TCP/IP, Modbus-ASCII (Slave), Modbus-RTU (Slave), Modbus TCP/IP (Slave), ISOTCP (S7-300 , S7-400, S7-1200, S7-1500), BACNET MS/TP, BACNET IP |
| <b>Approvals</b>               | CE , EAC  |