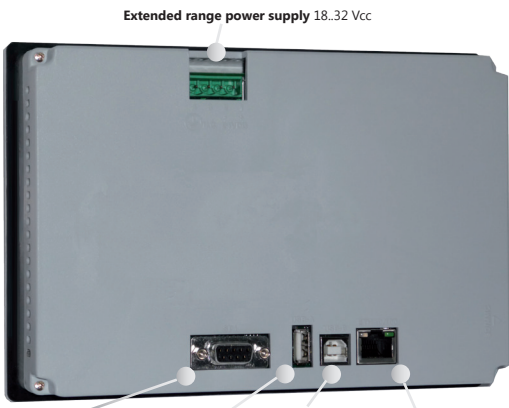


## SC207

- 7" WIDE 65.536 COLORS TFT
- 800 x 480 RESOLUTION
- WHITE LED BACKLIGHTING
- RS232/RS485 (INTEGRATED MPI)
- ETHERNET
- USB HOST AND DEVICE
- SD/MMC SLOT



Extended range power supply 18..32 Vcc

SP1 serial port (RS232/RS485 with integrated MPI)

USB port (device type) for configuring terminal

USB port (host type) for  
- connecting keyboard and mouse  
- data import/export on a USB pen drive  
- printing reports

10/100 Mbit Ethernet port for connecting devices in ethernet protocol



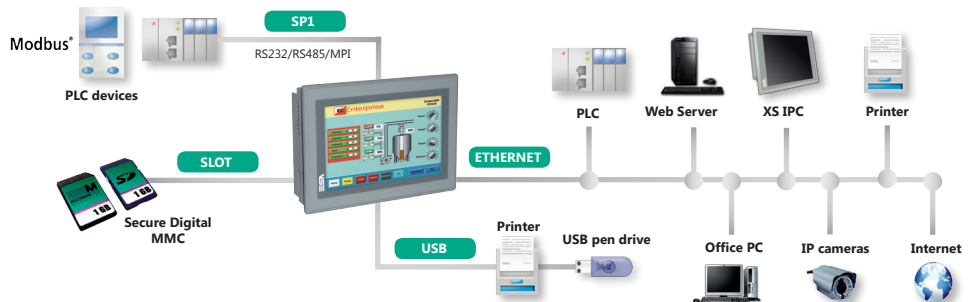
Slot for Secure Digital and Multimedia Card (MMC) memory connection

|                                    | SC207                            |
|------------------------------------|----------------------------------|
| <b>Display</b>                     |                                  |
| Technology                         | 7" LCD Graphic TFT 65.536 colors |
| Touch screen                       | Analog                           |
| Backlighting                       | White LED                        |
| Minimum backlighting life at 25° C | 50.000 hours                     |
| Resolution                         | 800 x 480 pixel                  |
| <b>Terminal</b>                    |                                  |
| Processor                          | Intel PXA 270                    |
| CPU Clock                          | 520 MHz                          |
| RAM                                | 64 MB                            |
| Flash                              | 32 MB                            |
| <b>Interfaces</b>                  |                                  |
| Serial port                        | SP1 (RS232/485/MPI)              |
| USB Host port                      | 1 x v 1.1                        |
| USB Device port                    | 1 x v 1.1                        |
| Card Bus Slot                      | 1 x Secure Digital/MMC           |
| Network                            | Ethernet 10/100 Mbit - Rj45      |
| <b>Dimensions</b>                  |                                  |
| External (W x H x D) (mm)          | 202 x 142 x 40                   |
| Bore holes (W x H) (mm)            | 194 x 134                        |
| <b>Technical specifications</b>    |                                  |
| Chassis                            | Plastic ABS                      |
| Power supply                       | 18...32 Vcc                      |
| Power consumption                  | ~ 8 W (24 Vdc)                   |
| Hardware clock                     | Supercapacitor 72h               |
| Working temperature                | 0...+50 °C                       |
| Storage/transport temperature      | -20...+60 °C                     |
| Humidity                           | 85% (non-condensing)             |
| Weight                             | ~ 1,6 Kg                         |
| Protection level                   | IP 65 front                      |
| Certification                      | CE                               |

### SC207 Drivers available

- Allen Bradley (ETH), Micrologix, DF1
- Delta DVP
- Hitachi
- Mitsubishi A-Fx-Fx2
- Modbus RTU Master and Slave
- Modbus TCP Master and Slave (ETH)
- Omron Host Link, CJ1-CS1-CP1, CS1-CJ1 (ETH)
- Panasonic FP-Sigma series (RS 232), FP series (ETH)
- Schneider Twido-Zelio-Unitelway, Premium (ETH)
- Siemens S5, S7-200 PPI, S7 300/400 (ETH), S7 300/400 MPI, S7-1200 (ETH)

For an updated list of available protocols, please visit web site [www.esahmi.com](http://www.esahmi.com)



### SC ordering information

SC207A0101 7" WideScreen 65k colors TFT - Port: SP1 - Ethernet - USB: Host+Device - SD/MMC slot

[www.esahmi.com](http://www.esahmi.com)

SC207 is programmable with

**Polymath**  
SmartClick  
(FREE SOFTWARE LICENCE)

or Polymath HMI and Polymath Advanced  
Find out more about Polymath SmartClick →



✓  
**Free**

✓✓  
**Powerful**

✓✓✓  
**User-friendly**

✓✓✓✓  
**Flexible**

Polymath SmartClick is the free programming suite for configuring SC range of products.

Polymath  
SmartClick  
features

Multi-function Objects  
Rich Library Objects  
Dynamic Trends  
Recipe Data Structures  
Alarm management

Easy Debugging Mode  
User Management  
Project Simulator  
Simple Script Editing  
Popup Pages Design

### SC207 software features

|                                         |   |
|-----------------------------------------|---|
| Popup pages                             | ✓ |
| Buffer/X-Y Trends                       | ✓ |
| Recipes structures                      | ✓ |
| Alarms                                  | ✓ |
| Data Logs                               | ✓ |
| Standard VB Scripts                     | ✓ |
| Multi-device project                    | ✓ |
| Multi-language                          | ✓ |
| Library objects                         | ✓ |
| Dynamic objects                         | ✓ |
| PNG, JPEG, GIF, BMP, etc. images        | ✓ |
| User management, password               | ✓ |
| Project simulator                       | ✓ |
| Project automatic validation            | ✓ |
| Export data in CSV, XML                 | ✓ |
| Import XLS tags, texts, alarms, recipes | ✓ |

### THREE SIMPLE STEPS TO RUNNING YOUR PROJECT ON SC207

- 1 Polymath SmartClick free download on [www.esahmi.com](http://www.esahmi.com)
- 2 Create your project
- 3 Download project on your SC terminal

**FREE DOWNLOAD**

Polymath  
SmartClick

(FREE SOFTWARE LICENCE)

available on [www.esahmi.com](http://www.esahmi.com)

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