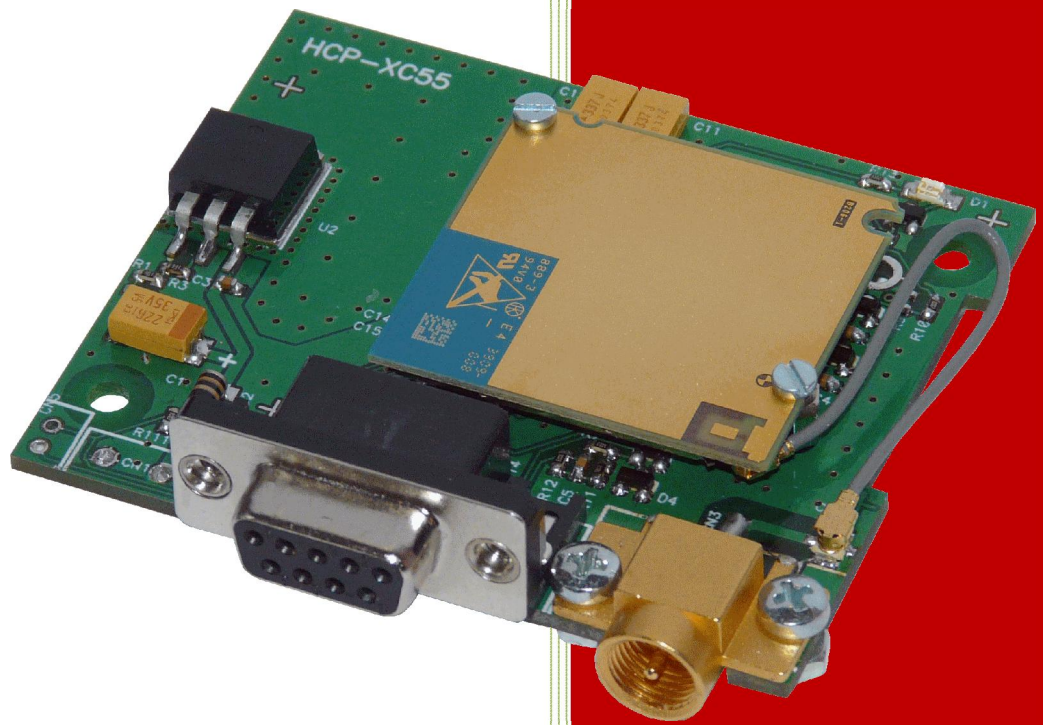


2010

HCP XC55i datasheet



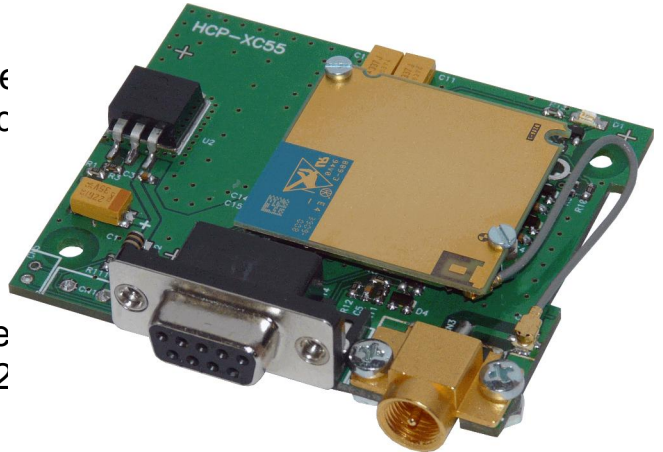
Research Team

24-Mar-10

HCP XC55i Terminal - Modem

The **HCP XC55i** is industrial terminal designed to support of MC55i CINTERION GPRS module Standard interfaces as well as an integrated SIM card reader shorten installation time, significantly.

The functionality of the terminal corresponds to the features of CINTERION MC55i module supplemented by SIM card reader, an RS232 interface.



The **HCP XC55i** terminal can be used with a wide range of applications, such as:

- Traffic control and navigation systems
- Vending machines
- Security systems
- POS terminals and scanners
- Remote telemetry and telematics systems
- Fleet management and tracking systems
- Handheld devices

General features:

- Supply voltage range 7-12V
- Weight approx. 40g
- Ambient temp range: -25 to +60 °C
- Auto switch off at +70°C

GSM features:

Supports:

- Quad band 850/900/1800/1900 MHz
- Output power: Class 4(2W) for EGSM850/900
/ Class 1(1W) for GSM1800/1900
- CSD up to 14.4 Kbit/s
- Compliant to GSM Phase 2/2+

Interfaces:

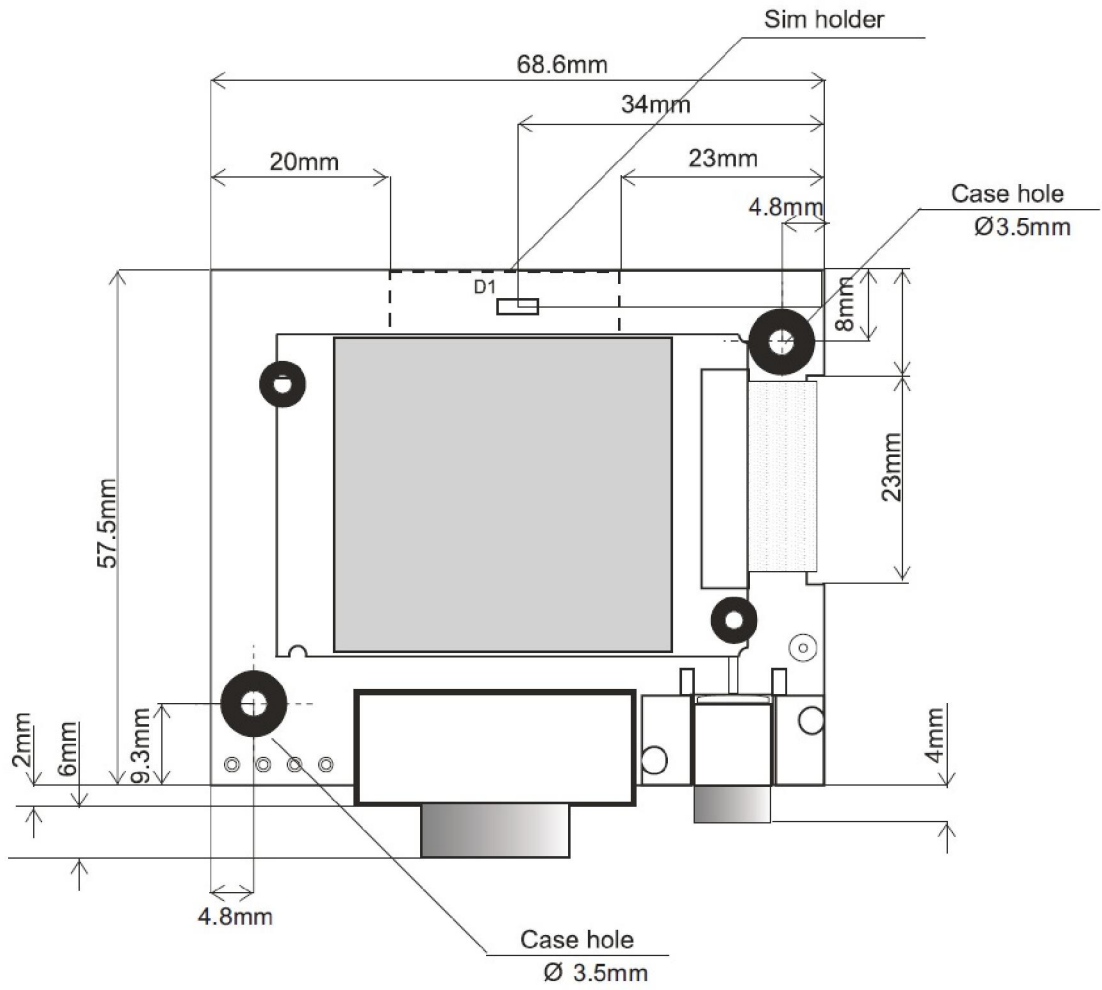
- Operating status led
- SIM card interface 3V, 1.8V
- FME external antenna connector
- RS232 bi-directional bus
- 9 pin SUB-D connector for serial interface

Specifications for Data transfer:

- GPRS data downlink transfer: max. 85.6 kbps (DL)
- GPRS data uplink transfer: max. 42.8 kbps (UL)
- GPRS multi-slot class 10 (up to 85.6 kbps)
- Full PBCCH support
- GPRS mobile station, class B
- CSD up to 14.4 kbps
- USSD Support

HCP XC55i technical drawing

Board top view



XC55i_rev9.1 mechanics

