

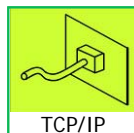
Wireless Modems

I/C-Base I/C-BPlus I-IOP - WM200

M2M Solutions & Building Blocks



- ❑ BASIC FEATURES
 - ❑ DATA EXCHANGE
 - ❑ SMS/FAX MESSAGING
 - ❑ SNMP / GSM-CSD BEARER SERVICE
 - ❑ EMBEDDED TCP/IP STACK
- ❑ GSM - GPRS CONNECTIVITY
- ❑ FIXING options:
 - ❑ WALL (I-xxx)
 - ❑ DIN (I-xxx)
 - ❑ OMEGA RAIL (I-xxx)
 - ❑ PCB / INTEGRATED (C-xxx)
- ❑ CONTROL :
 - ❑ RS-232 PORT (I-Base, C-Base)
 - ❑ 2 IN + 2 OUTPUTS (I-IOP)
- ❑ DEVELOPMENT:
 - ❑ SDK (IOP and Plus)
- ❑ FULLY MANEAGEABLE BY REMOTE



I/C-Base I/C-BPlus I-IOP

code ____ P2B

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I/C-Base I/C-BPlus I-IOP - WM200

Industrial Modems / User Enterprise Equipments



DIN and OMEGA rail fixing elements



Wall fixing element



C-xxx connector and fixing

VERSIONS

- I-Base : GSM-GPRS
- I-BPlus : GSM-GPRS + SDK
- I-IOP : GSM-GPRS + SDK
- C-Base : GSM-GPRS
- C-BPlus : GSM-GPRS + SDK

FEATURES

- SIM plug-in card reader, 3V type
- Status modem LED
- SMA F external antenna connector

I-Base / I-BPlus:

- DB9 RS232 serial port connector
- MICROFIT 4 pin connector for power supply
- MICROFIT 6 pin connector for voice and Sync signal
- Wall, DIN and OMEGA rail fixing elements

I-IOP

- 18p screw connector (Data, Voice, I/Os, Supply)
- Wall, DIN and OMEGA rail fixing elements

C-Base / C-BPlus:

- 50 pin M SMD 1,27 mm step signal connector
- 4 holes for on-board screw fixing

PLUS version specific features

- TCP/IP stack w/ dedicated AT commands set
- Modem status auto-check with modem functions auto-restore in case of failures
- Remote configuration of every modem parameter
- Remote control of RF field strength and of other radio parameters
- Remote Firmware download
- SDK : open Platform for custom applications development by C language

APPLICABLE STANDARD

- EN 60950 (Health and Safety)
- EN 301 489-1/-7 (EMC)
- EN 301 511, EN 300 607-1 (Radio)
- ETSI 07.05, 07.07 AT commands control (proprietary for TCP/IP)

TECHNICAL CHARACTERISTICS

- GSM Voice and emergency calls (TCH/FS)
- SMS type MT/MO/CB/PDU
- GSAM data asynchronous non transparent 2.400 bps 4.800 bps and 9.600 bps
- CSD until 14.4 kbps / USSD / V.110 / Automatic fax 3 group (I, II class)
- RF Power: Class 4 (2W) for EGSM900, Class 1 (1W) for EGSM1800
- GPRS MULTISLOT class 10, GPRS MOBILESTATION class B
- GPRS max. 85.6 kbps (downlink) max. 42.8 kbps (uplink)
- PBCCH support, Coding schemes CS1, CS2, CS3, CS4



Physical characteristics

Size :

- I-xxx : 69,5 x 80x 24 mm
- C-xxx : 64 x 46 x 14 mm

Weight :

- I-xxx : approx 120 gr.
- C-xxx : approx 42 gr.

Power :

- I-xxx : 8 V to 32 V
- C-xxx : 5 V +/- 5% (1A pk)

Temperature:

- Ope. -20°C to +55°C
- Sto. -40°C to +85°C

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