HT63 E

The dual band 3G terminal for industrial grade M2M applications

The HT63 E is a self-contained terminal featuring the latest technology from Cinterion.

As a dual-mode GSM/UMTS terminal operating in the GSM 900 / 1800 MHz and the UMTS 900 / 2100 MHz frequency bands, it can be deployed in all of Europe as well as a wide range of additional countries where these frequencies are available from network operators.

HT63 E is targeted towards System Integrators developing M2M applications that require access to 3G networks not only for high-speed connections, but that also require 3G to future-proof their applications or have additional data carrier options in order to improve the reliability of their applications. Therefore, both interfaces RS232 for standard industry applications as well as USB 2.0 for high-speed connections are supported.

Key Benefits
- Deploy in all European markets and a multitude of additional countries supporting the 900 & 2100 MHz bands.
- Use RS232 or USB 2.0 interface depending on your application's needs.

Key Features
- Dual band GSM & Dual band HSPA terminal
- Cinterion AT command set
- HSPA: DL 7.2 Mbit/s; UL: 5.7 Mbit/s
- RS232 interface
- USB 2.0 interface
- Ultra-low power consumption mode

Sample applications
- High-bandwidth digital signage
- Remote video surveillance with event-based alarming
- Bulk data transmission (e.g. traffic statistics)

GSM / GPRS
- GSM / GPRS Frequency Band: Dual Band (900 / 1800 MHz)
- GPRS Class: Class 12
- GPRS DL Datarate: 85.6 kbps
- GPRS UL Datarate: 85.6 kbps

UMTS / HSPA
- 3G Frequency Bands: UMTS Dual Band (900 / 2100 MHz)
- 3GPP Rel-7 compliant
- HSPA DL / UL Category: Cat. 8 / 6
- HSPA DL / UL Datarate: 7.2 / 5.76 Mbps

EDGE
- EDGE DL / UL Datarate: 237 kbps
- EDGE Class: 12

Mobile Network Features
- CSD: 14.4 kbps
- SIM Application Toolkit: Letter class "c"
- Text and PDU mode support

Special features
- Real-time clock

Software
- AT Command Set: Cinterion
- AT Command Support: Hayes, TS 27.007 and 27.005, Cinterion custom AT
- Firmware Update: USB/Serial
- Multiplex Driver for Microsoft® Windows XP™, Windows Vista™ und Windows 7™

Interfaces
- RS232 Interface via D-Sub (9-pin)
- Antenna: FME
- RJ11 for Power
- USB 2.0 via Mini-USB
- Robust 1,8/3 Volt SIM Card Holder
- LEDs: 1 GSM + 2 Configurable

Electrical Characteristics
- Voltage Range: 5V - 32V
- Standby (@ 12V): ~22 mA (*)
- Low Power Mode (@ 12V): <2 mA (*)

Hardware Characteristics
- Operating Temperature: -40°C to +80°C
- Size: 77x66x26 mm
- Weight: 80g

Certificates
- CE

Optional Features
We can develop customized terminals according to your specialized requirements. Please contact your local sales representative or our headquarters to discuss your requirements.

(*) Measurement (including peaks) averaged over a 1 min interval.

Accessories (exemplary)

Power Supply

RS232 Cable

DIN Rail

Stub Antenna

Rectangular Antenna

Roof Antenna

Magnetic Antenna