

TD

Xdungle GPRS

Miniature external dungle
Stylish Design
Ready to use
Time to Market

COMPANY PROFILE

- Quoted on the stock market since 2002 code: MLTED-OTC, FR0000184806
- 2 million modules in the field
- "Fabless model": 2 production sites in Asia certified ISO TS16949:2000 & ISO14001
- Leader on Payment terminals, Franking machines, Set-Top-Boxes markets
- Strong partnerships with silicon vendors
- Worldwide industrial customers

Connecting
Devices

Connect your Device to Cellular Network



TD Xdungle GPRS
1 x scale

Connecting Devices!

Thanks to TD telecommunication modules, connect your devices together to transfer collect data or control your equipment remotely. TD products have been developed to merge innovative design and technology with a total commitment to meet our customers' requirements.

TD's ambition, from day one, has been to provide the best telecommunication solution possible to its client. Doing so requires a combination of stylish design; innovative technologies and ease of use.

Thanks to this innovation and performance, TD is now launching an external industrial solution dedicated to GPRS communications : the Xdungle GPRS

This new product offers an easy way to connect existing non-wireless industrial devices to Cellular Networks.

EXTERNAL SOLUTION

- Plug in any type of electronic devices already in operation on the field
- Multiple connectors (RJ11, RJ45, DB9 or USB)
- Self powered or with power-supply (5V to 25V)

CELLULAR MODULE

- Standard Frequency range : GSM/GPRS
- Optional Frequency range : EDGE/ UMTS/ HSDPA
- SIM card support
- Strong signals with gain antenna
- Led signalization

SIZE

- Small & stylist design

TIME TO DEPLOY / TIME TO MARKET

- Xdungle offers the ultimate level of integration and quickest time to market!
- No need to recall the equipment, simply plug an Xdungle to the machine!

REMOTE MANAGEMENT

- Plug and Play through AT Command

WORLDWIDE READY

- Customers can expand their worldwide business instantly
- TD Xdungle is worldwide Radio GSM approved

CUSTOMER BENEFITS

More Industrial flexibility...

- Easily upgrade the telecommunication feature of devices in the field thanks to TD external module!
- Benefit from state-of-the art telecommunication technology at a competitive price
- Reduce cost of ownership of your devices

More Business opportunities...

- Be sure your machines are always competitive and compliant with latest technology!
- Focus your investments & resources on core business : leaving the telecom part to TD!

More Business pro-activity...

- Respond immediately to your customers' and partners' requirements
- No need to initiate a long process to get telecom approvals: TD modules are worldwide compliant!



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Main Features

Wireless processing power

ARM 946E-S, 32bit, 104MHz, 30MIPS
On Board Memory: Q2686H : 32Mbit Flash/8Mbit RAM

Operating system

OS Version 6.60
Open AT® 4.0
Low Power Modes
- 32kHz Mode
- Disconnected Mode
- Alarm Mode
Real Time OS (99% MIPS in disconnected mode)
More than 350 AT commands & APIs
Internet Package*:
- Email (POP3 & SMTP)
- File Transfer (FTP)
- TCP/IP/UDP/DNS
* via API or AT#

Cellular features

Quad Band (850/900/1800/1900MHz)
Quad Audio Codec (FR/HR/EFR/AMR)
GSM CSD 14.4kbps
GPRS Multislot Class 10, Class B
Enhanced AEC & Noise Reduction
VDA2B audio compliance

Dimensions

120 x 40 x 30 mm

OPEN AT development environment

Installer
Open AT® Project Wizard
Visual C++ Development Environment
Open AT® Settings Application
Remote Task Monitor
HTML Help
Sample Applications
Documentation

Environment

Temperature:
- Class A -20°C to + 55°C
- Class B -40°C to + 85°C
- Storage -40°C to + 85°C
Fully RF shielded



Access Control

Alarm Management

Electronic Payment

Home & Building Automation

Real Time Data Login

Remote Monitoring

Non-contractual pictures and technical specifications

USB XDungle 3G Version*

*Available on Demand



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