

connect IT



THE RIGHT SOLUTION

APPLICATIONS

- Environmental Monitoring
- Intelligent Transportation Systems
- Production Machines
- Building Automation and Management
- Oil Field Application
- Thermal Power Plants
- Water Treatment Plants
- Renewable Energy
- Railway
- In-vehicle Surveillance
- Refrigeration System

ADVANTAGES

- A system that enables you to reduce energy costs and environmental impact whilst increasing customer satisfaction
- Reduced repair costs and longer plant life-time expectancy
- Reducing energy consumption and environmental impact
- Continuous monitoring allows all problems to be addressed long before shutdowns or breakdowns
- Minimize service visits and maintenance costs
- Reduced failure rates also reduce product loss, production downtime and loss of goodwill
- Improves your business and customer relationships

BENEFITS

- Product Quality Control
- Commissioning & Warranty Inspections
- Performances Inspections
- Trouble shooting
- Preventive Maintenance and Service
- Record and compare data
- Historical data record and backup

DATA ACQUISITION, REMOTE CONTROL, STORAGE, DATA VISUALIZATION & MAINTENANCE SYSTEM F3 Net is the Automata's cutting edge solution

We offer a variety of free Programmable Controllers ranging from very simple stand-alone to complex systems to suit your individual needs.

We offer remote control products within the fast growing Telemetry and M2M (Machine-to-Machine) business.

Our "F3 Net" modules are progressively scalable, freely programmable controllers equipped with a wide-range of communication features for different mobile networks.

We support commonly used communication standards such as HSPA 3G for high speed data transfer.

Simple to use, F3 Net gives access to remote input and output from remote devices, via SMS text messages from mobile phones.

We simplify the task of implementing remote control solutions in various fields of applications. Using our middleware software also makes it easy to integrate applications into your existing IT infrastructure.

Therefore we offer:

- Products
free and easy programmable
- Software
the middleware for your IT infrastructure
- Support
we provide you with assistance!



F3 Net

F3 CONTROLLER

- CPU Intel® Atom™ Z5xx 1,1 GHz
- Chipset US15W
- System Memory 512 MB DDR2 533MHz
- Ethernet/USB/Serial Ports 232/422/485

INTERFACE

- Compact Flash Card socket
- System status LED's indicator
- Reset button

VIDEO

- Video output analog and digital through DVA Automata Digital Video Interface connector (DVI-I type)

POWER SUPPLY

- Input: + 24 VDC (-15% + 20%) /0,3 A max.

FEATURES

- Dip-switch selectable RS232/422/485
- Fanless power dissipation system
- DIN rail mounting

PROTECTION

- IP20 according to IEC 60529

OTHERS

- Dimensions: 115 x 99 x 60 mm
- Operating Temperature: from +5°C to +55°C
- CE Mark and RoHS compliant

3G MODEM

- 3G/2G
- Tri-BAND 2100/1900/850 Mhz
- EDGE/GSM Quad-Band 850/900/1800/1900 MHz
- GSM Module: GPRS/GSM Class 10

OUTPUT POWER

- Class 4 (2W) in GSM at 850/900MHz
- Class 1 (1W) in DCS at 1900/1800MHz
- Plug-in SIM card (1,8V - 3V compatible)

INTERFACE

- USB 2.0 Data Port

POWER SUPPLY

- Input: +12 VDC to 24 VDC (-15% + 20%) /- 1A min.

3G/GSM ANTENNA

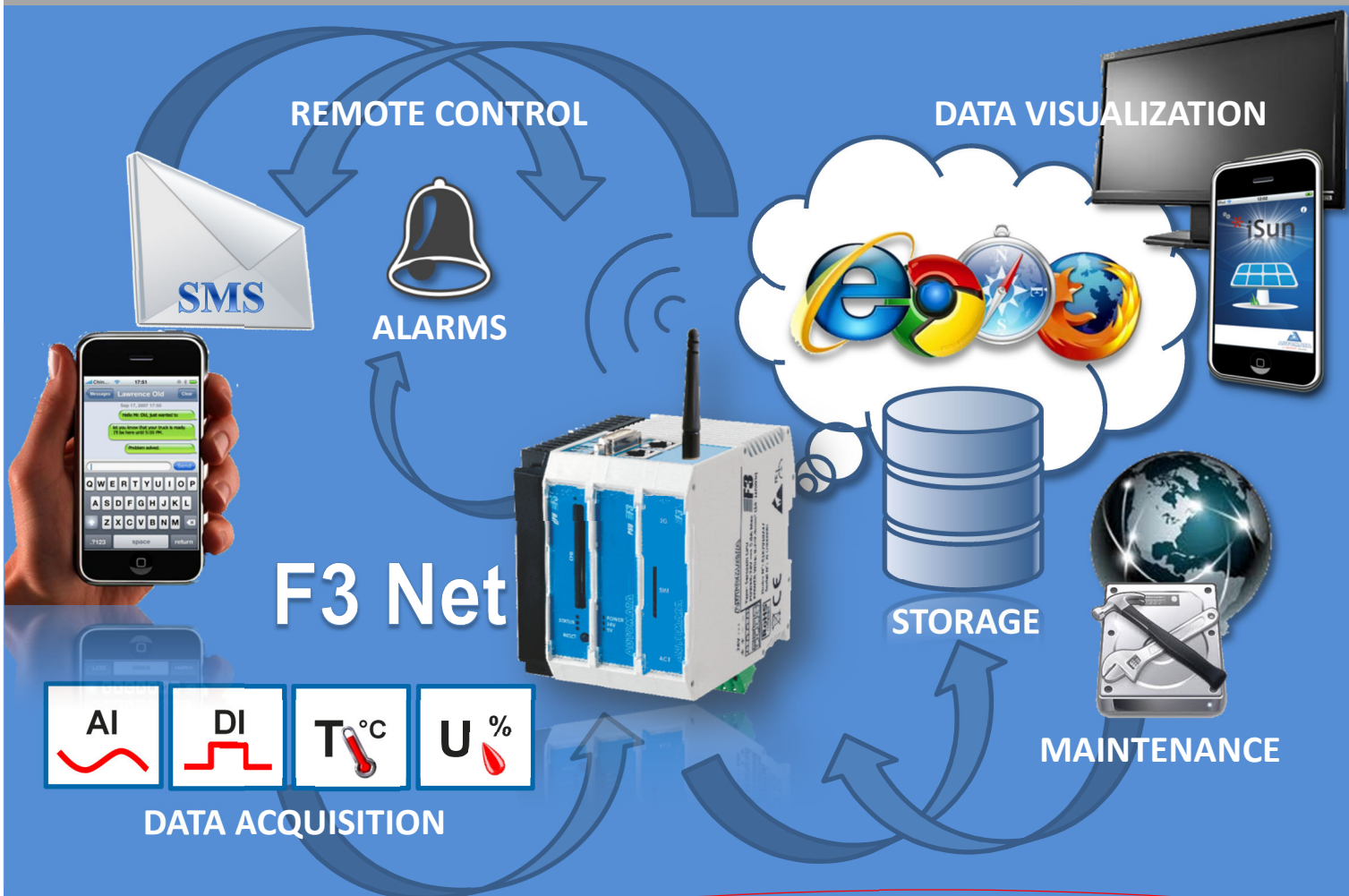
- Quad-Band Omnidirectional Antenna included
- SMA Connector
- Impedance: 50 ohm

CONFIGURATION

- AT Commands trough USB Port

OTHERS

- Dimensions: 115 x 99 x 22,5 mm
- Operating Temperature: from -10°C to +60°C
- CE Mark and RoHS compliant



F3 Net