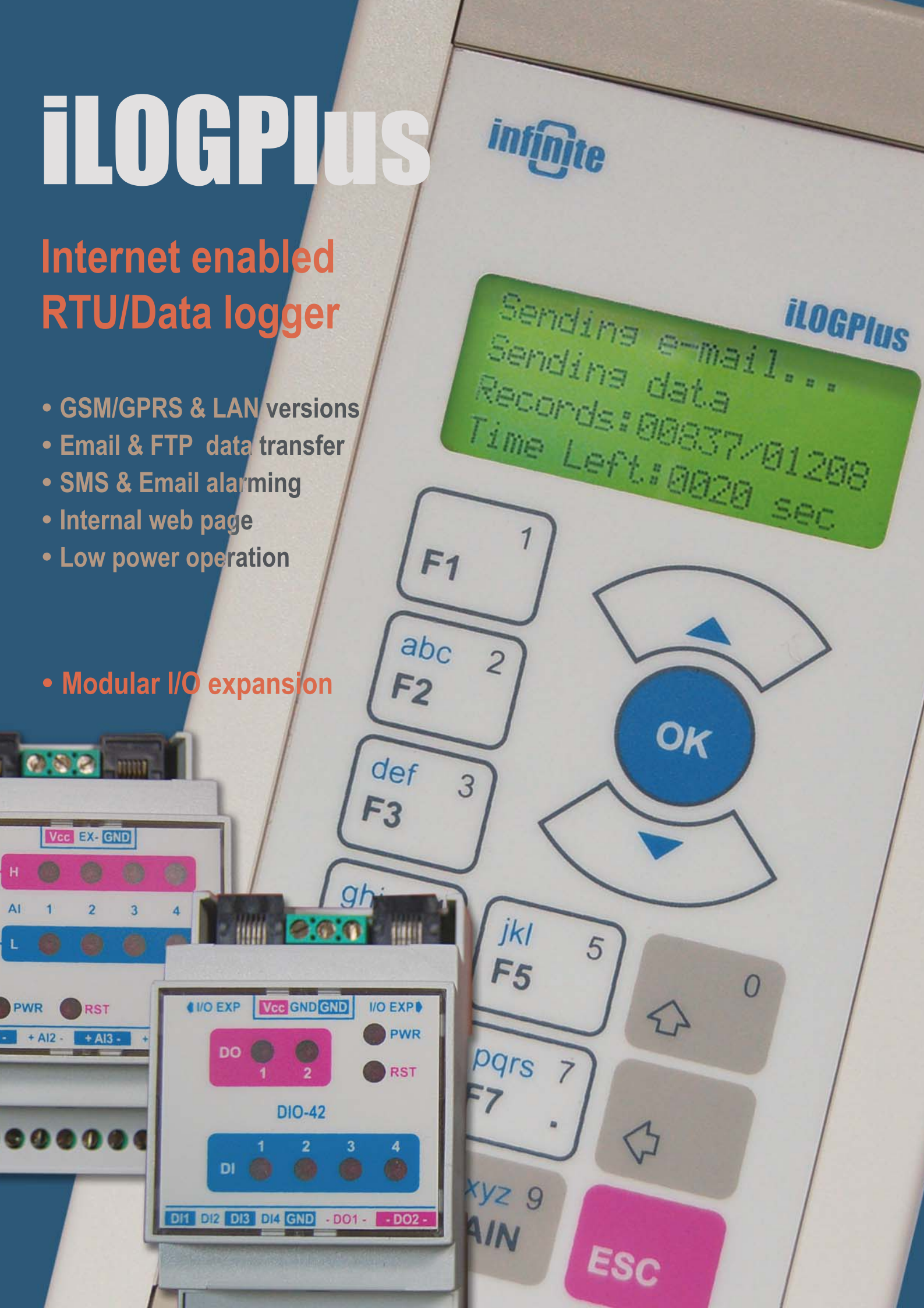
iLOGPlus

Internet enabled RTU/Data logger

- GSM/GPRS & LAN versions
- Email & FTP data transfer
- SMS & Email alarming
- Internal web page
- Low power operation

- Modular I/O expansion



Specifications

Main unit:

Power supply: 9V-30V DC, 200mA max.
Analog inputs: 4, 12 bit resolution
AI 1,2: 0-1V/0-20, 4-20mA, PT100
AI 3,4: 0-1V/0-20, 4-20mA
Digital inputs: 4, pull, 0.5Hz
Pulse counters (DI 3, 4): 3 kHz max.
Digital outputs: 2, 250V/10A (AC1)
Keyboard: 15 key, membrane
Display: 4 x 20 alphanumeric, backlit
Temperature: -20°C, +55°C operating
Dimensions: 154 x 84 x 38 mm

Ethenet LAN
10BaseT, 115200 bps
Protocols: General Internet Protocols

GSM/GPRS
Output power:
Class 4 (2W at 850, 900 MHz)
Class 1 (1W at 1800, 1900 MHz)
GPRS: Support of PBCCH/PCCCH
Protocols: General Internet Protocols

Serial port
Baud rate: 9.6 to 115 kbps
Protocols: XMODEM for commissioning and firmware upgrade.

GE-AI4, Analog input expansion module
Power supply: 12-30 VDC, 25 mA
Analog inputs: 4, 12 bit resolution
AI 1,2: 0-1V/0-20, 4-20mA, PT100
Excitation: 2mA const. current source
Indications: LED, alarm High/Low
Dimensions: 53 x 90 x 58 mm

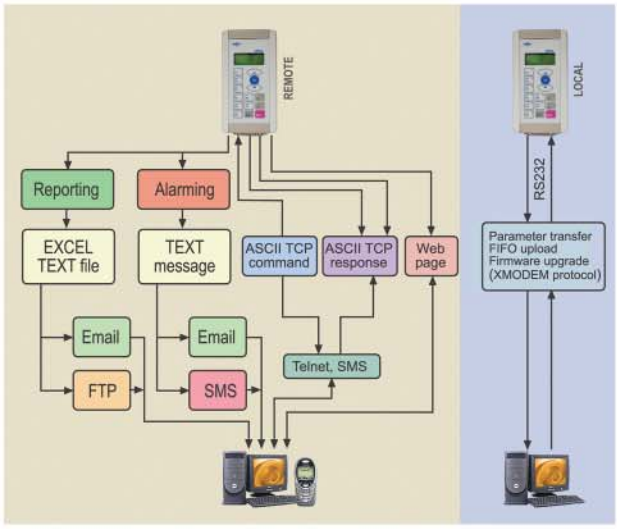
GE-DIO-42, Digital I/O expansion unit
Power supply: 12/24 VDC, 0.1 A max
Digital inputs: 4, 0.2 Hz, Pull
Digital outputs: 2, relay 250V/10A (AC1)
Indications: LED, I/O & control states
Dimensions: 53 x 90 x 58 mm

RoHS Compliant
Directive 2002/95/EC

CE

Measurements

The iLOGPlus main unit incorporates four high resolution, voltage or current analog inputs for independent or simultaneous measurements recording. All channels have scale adjustment capability and presetable low and high alarm limits. The unit features also 4 digital inputs. Two of them can be configured as counter inputs and support sensors with pulse output. Two digital outputs are available for monitoring alarm states. Alternatively, they can be used as independent, remote controlled outputs. For convenient wiring, an external DIN rail adaptor with screw terminals is available.
Analog inputs and digital I/O are expandable by means of I/O expansion modules, plugging on the serial I/O expansion bus.
Logging period is selectable between seconds and hours. Logging of individual channels can be enabled or disabled according to the state of the digital inputs. Up to 40'000 measurements can be recorded in the internal, power fail safe memory.



Communications

The unit initiates data transfer in the form of FTP or email file attachement, in user defined time intervalls.
The file contents is formatted text for direct import into Excel.
Alarm states can be announced by email or SMS to predefined recipients.
An internal web server publishes, on demand, an HTML page on the internet, allowing real time monitoring of the measurements and operating states.
iLOG also utilizes SoAp commands, thus allowing to get directly connected and accessed by custom developed programs.
The unit features an auxilliary serial port for local commissioning and firmware upgrade.

iLOG Transporter utility

iLOG Transporter is a powerful utility for commissioning the iLOGPlus RTU/datalogger units using a Windows PC. The application supports:
- Reading of the current device configuration.
- Uploading a user configurated parameter file to the iLOGPlus device.
- Downloading the FIFO data in a PC file.
- Archiving configurations in a data base file and reporting.

Ordering information

iLOGPlus-GSM: RTU/data logger with internal Quadband EGSM/GPRS modem.
iLOGPlus-LAN: RTU/data logger with 10BaseT Ethernet port.
iLOGPlus-EDM: RTU/data logger with serial port for external dial-up or wireless MODEM.
SCT-04E-12: I/O and power adaptor with screw terminals and flat cable assembly (12 VDC).
SCT-04E-24: I/O and power adaptor with screw terminals and flat cable assembly (24 VDC).
GE-AI-4: 4 x analog input expansion module (12/24 VDC).
GE-DIO-42-12: 4 x digital input, 2 x digital output expansion module (12 VDC).
GE-DIO-42-24: 4 x digital input, 2 x digital output expansion module (24 VDC).

Infinite Industrial Informatics, Ltd.
1 Valaoritou Street & Dodekanisou 11
GR-54626 Thessaloniki, Greece
Phone: +30-2310-553545, Fax: +30-2310-552006
Email: sales@indinf.gr
URL: www.infinite.com.gr, www.indinf.gr