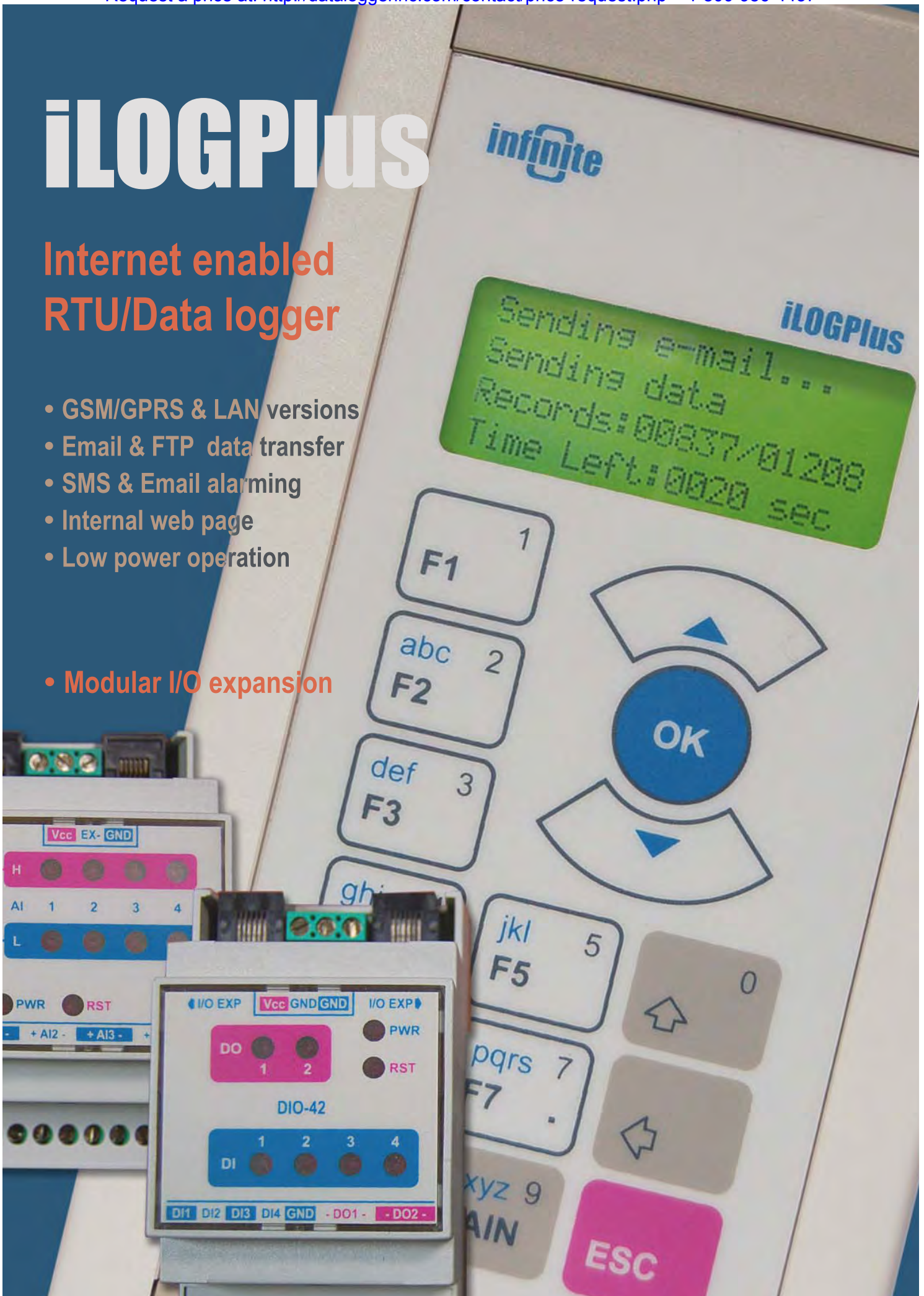


# iLOGPlus

## 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

### Ethernet 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/PCCH  
 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



## 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 presettable 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

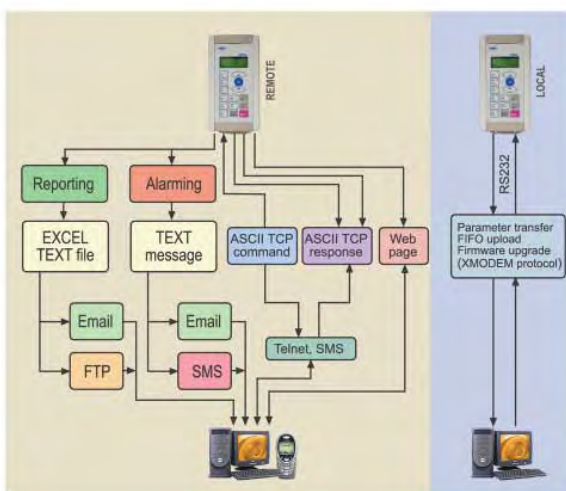
The unit initiates data transfer in the form of FTP or email file attachment, in user defined time intervals.

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 auxiliary 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 configured 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).

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