



A U T O L O G ® D A T A S H E E T



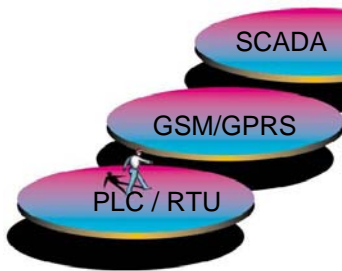
### AutoLog® GSM-RTU Series (GSM-6, GSM-8, GSM-20)

S O P H I S T I C A T E D ® A U T O M A T I O N

GSM-RTUs are remotely programmable through GSM network.

Many models - Exact fit with your application! I/O, HMI, UPS, serial ports, Modbus, enclosure, etc.

Operating SCADA solutions for different kinds of applications



## Wireless Telemetry

AutoLog GSM-RTU



### Introduction

AutoLog® GSM-RTU devices are designed especially to be used in applications where GSM/GPRS communication is needed. Programming is made very easy; build-in GSM/GPRS driver handles all the complex GSM communication tasks automatically so user can concentrate on application programming.

AutoLog® GSM-RTU can be programmed locally using a cable or remotely through GSM network using PC based programming tool or just GSM phone. GSM-RTU has many programming features that are useful in creating GSM applications, like incoming phone number identification etc.

AutoLog GSM-RTUs are based on well proven AutoLog technology. FF-Automation has manufactured AutoLog automation products since 1976. RTU devices are our main business area. AutoLog RTUs can be build to meet customer's specific requirements.

The world's biggest oil and gas producer companies trust their production on AutoLog RTU devices. List of AutoLog RTU references can be found from our web page.

THE AUTOLOG® FAMILY  
AUTOLOG®PLC    AUTOLOG®GSM    AUTOLOG®OEM  
AUTOLOG®RTU    AUTOLOG®FCS    AUTOLOG®HMI



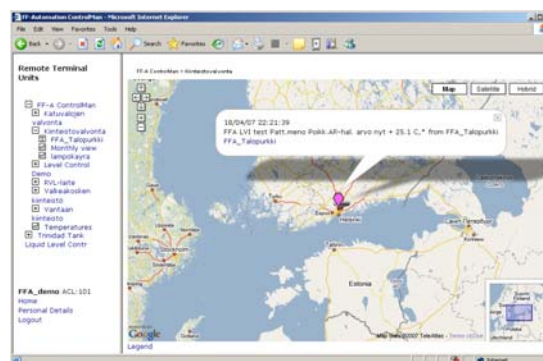
## AutoLog® GSM-RTU Series (GSM-6, GSM-8, GSM-20)

### GSM-RTU Units

Model	GSM-6 Unit	GSM-8 Unit	GSM-20 Unit
Analog Inputs	1	2	8-72 (Expandable)
Analog outputs	-	-	2-34 (Expandable)
Digital inputs	4	4	8-72 (Expandable)
Digital outputs	1	2	8 -72 (Expandable)
Relay outputs	2	2	0-64 (Expandable)
Free Serial ports	1	1	2
GSM modem	Build-in	Build-in	External
I2C port	1 (HMI, iButton, etc.)	1 (HMI, iButton etc.)	2 (HMI, iButton, other for I/O exp.)
PID	32 build-in	32 build-in	32 build-in
Time-controls	clock & calendar based	clock & calendar based	clock & calendar based
Data Logging	FTP file: e.g. 1x 43000 Time-stamped records	FTP file: e.g. 4x 21000 Time-stamped records	FTP file: e.g. 8x 13000 Time-stamped records
Communication	SMS, GPRS, Modbus M/S	SMS, GPRS, Modbus M/S	SMS, GPRS, Modbus M/S
Programming	Remote through GSM network or locally using programming cable	Remote through GSM network or locally using programming cable	Remote through GSM network or locally using programming cable
Power supply	12 / 24 VDC or 10/18VAC or 115/230VAC max. 5VA, voltage drop alarm	12 / 24 VDC or 10/18VAC or 115/230VAC max. 5VA, voltage drop alarm	12 / 24 VDC or 10/18VAC or 115/230VAC max. 5VA, voltage drop alarm
UPS	Optional: 12VDC, voltage drop alarm	Optional: 12VDC, voltage drop alarm	Optional: 12VDC, voltage drop alarm
Operating temperature	-20°C...+55°C	-20°C...+55°C	-20°C...+55°C
Storage temperature	-30°C...+85°C	-30°C...+85°C	-30°C...+85°C

### SCADA

OPTION#1:	AutoLog ControlMan
OPTION#2:	Web Studio SCADA
Web support	All main control room views can be seen remotely from any PC in Intranet. Configurable user levels and firewall security.



**AutoLog® GSM-RTU systems are operating all over the world !**



[WWW.FF-AUTOMATION.COM](http://WWW.FF-AUTOMATION.COM)



**FF-AUTOMATION**  
 Eräkuja 2, 01600 Vantaa, Finland  
 tel. +358 9 530 6310  
 fax +358 9 530 6310  
 e-mail: [info@ff-automation.com](mailto:info@ff-automation.com)