


Technical Specifications

EC350	
	
Hardware	
Order code	Contact Sales for configuration/code number
Housing	Metal
GSM/GPRS	850/900/1800/1900 MHz
3G: UMTS/HSPA+ (WCDMA/FDD)	850/800, 900, 1900 and 2100 MHz
Antenna connector	SMA female
Ethernet	10/100 Mbit/s
Serial port #1	RS232
Serial port #2	RS485
Operating Temp	-40 to +65° C
Power Supply	12-48V DC
Power Consumption	4,5W
Mechanical dimensions	135x92x26mm
DIN Rail / Wall Mount	• (optional)/ •
Housing Class	IP20
Protocol	Modbus RTU
Modbus Slaves	32
Baud rate	1200-115200 baud
Certification	CE (cULus, FCC/IC, Teleg, RCM, PTCRB, IC, ATEX/HAZ Loc are pending)
I/O's	
Digital Inputs	2 DI (Dry contact)
Relay Outputs	1 Relay (max 24 VDC/1A)
Analog Inputs	4 inputs, all supporting 0-10V or 0-20mA. Support for PT100 on AI1 and AI3.
Analog Outputs	
Netbiter Argos	
Netbiter Argos Support	✓
Configuration	✓
Backup and replace	✓
Dashboards ² / Overview pages ²	3/1
Vizualisation parameters	128
Overview parameters	128
Log parameters	128
Log interval*	30sec - 60min
Number of Alarms	128
Type of Alarm*	E-mail/SMS/RSS
Connection Failover	-
Local web server	
Configuration	Limited Configuration is done on Netbiter Argos
Backup replace	
Pages	
Parameters / page	
Log parameters	
Log interval	
Number of Alarms	
Type of Alarms - Internal	

1) Supports Get and Set Requests

2) Depending on Netbiter Argos subscription level



Pump Master[®]

Small TalkSM

SCADA



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Remote Management. Access. Freedom.



Access your field equipment 24/7/365

Pump Master SmallTalk™ SCADA powered by Netbiter Argos keeps you constantly informed on the conditions and status of your machinery and processes. You can track performance, get error and alarm messages, and even manage and configure your systems via computer, tablet or smartphone.

By having remote access, you can significantly cut down service trips and on-site maintenance... saving you time and money! The following are just a few of the key benefits of Pump Master SmallTalk™ SCADA:

- Reduce operational costs
- Provide immediate feedback of system performance
- Improve system efficiency and performance
- Increase equipment life
- Reduce costly repairs
- Reduce labor costs required for troubleshooting or service
- Automated report generating

How It Works

Netbiter Argos RMS (Remote Management System) is a cloud-based* solution that allows you to monitor and control your field equipment from any location that has Internet access.

You have access to all parameters in real-time via a web dashboard and receive alarms and event notifications via email or SMS whenever certain pre-programmed thresholds are reached.

5-Band 3G Support

3G communication provides increased performance compared to GPRS and also increases the geographical cellular coverage as it is possible to install the gateway where 3G is the only available network. With support for 5 different 3G bands, the Netbiter EC350 is a product suitable for the global market.

*Why Cloud Technology?

- Software is provided as a service which means no costly software installations and lower maintenance costs.
- Instant, secure access from any location and any technological platform.
- Benefit from continuous improvements without the need for software upgrades.
- Easy integration with other tools and applications.
- Reduces the need for large capital investments.

EC350 Key Features

- Powerful ARM Cortex processor for fast data cycle times
- Extended memory capacity supporting up to 512 MB Flash and 1024 MB RAM
- 5-band 3G wireless capability
- Two fully separated Ethernet Interfaces (WAN and LAN) makes it possible to provide secure communication to the field installation
- Device connectivity via Ethernet LAN or Serial RS232 and RS485
- Built-in GPS receiver makes it suitable for mobile fleet management applications
- Extendable with on-board analog and digital I/Os allows signals and sensors to be directly connected to the Netbiter gateway
- Built-in temperature sensor
- Six status LEDs for detailed diagnostics

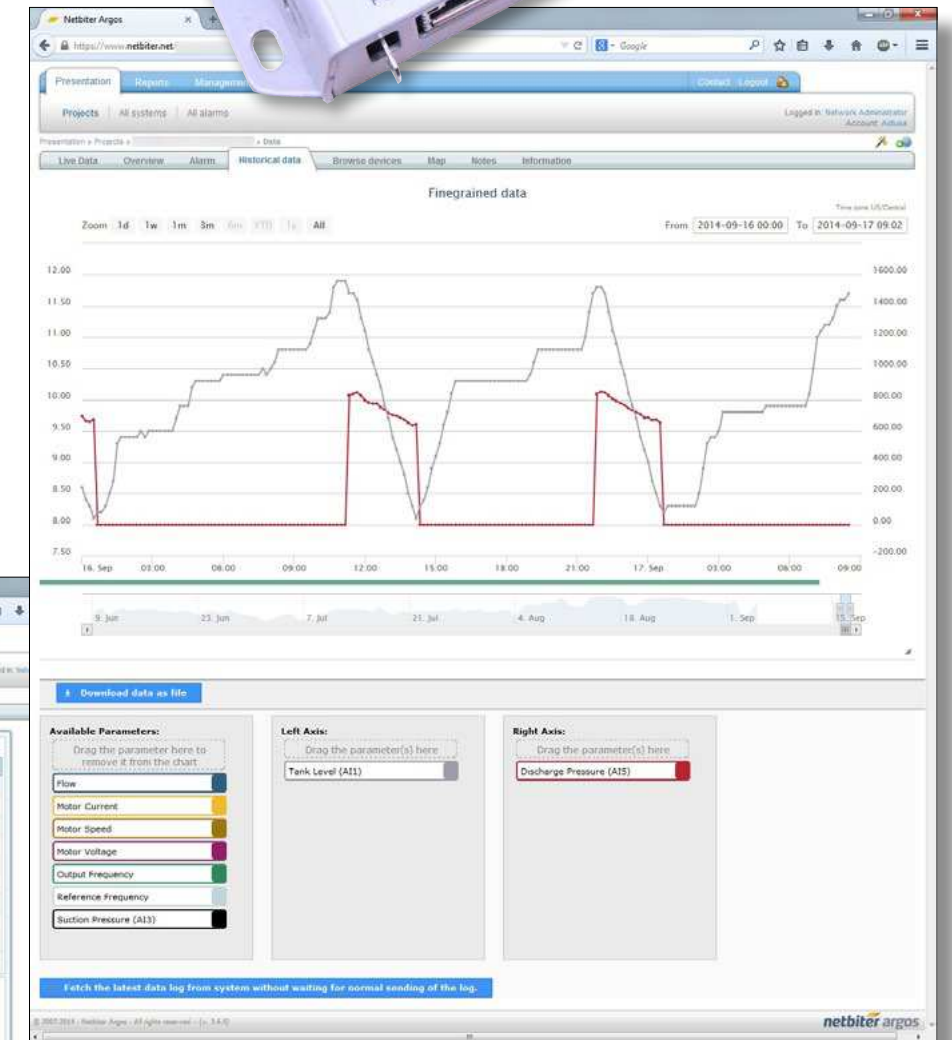
Build it in or add it on...

Pump Master SmallTalk™ SCADA can be integrated into a new panel build or added to an existing panel. The choice is yours.

Our engineers can assess your application needs and configure the system to meet your requirements and expectations.

Pump Master SmallTalk™ SCADA seamlessly integrates with our Pump Master Drive Systems and family of Controllers.

Empowering solutions. It's what we do!



Log In – Take Control

- Visualize, monitor and control
- Detect critical events
- Analyze
- Project management
- User management
- Tools and editors

