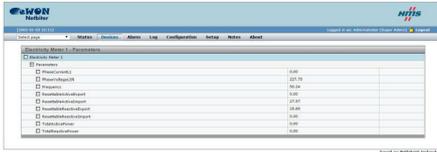


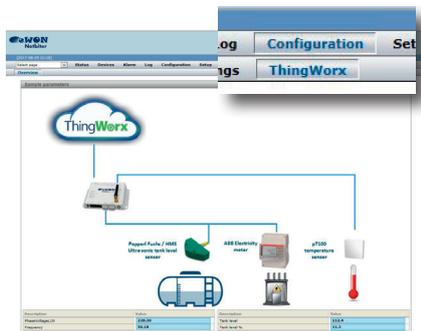
# Netbiter LC

REMOTE COMMUNICATION GATEWAYS CONNECTING DEVICES TO A LOCAL AREA NETWORK OR THINGWORX

## Highlights



View data and get alarms from remote equipment by logging on to the Netbiter LC's internal webpages over a LAN network.



**Ready-made ThingWorx connectivity**  
Netbiter LC comes with an included wizard which makes it easy to map values from a Modbus device to ThingWorx. Moreover, there are ready-made device templates for hundreds of industrial devices available for free download on [www.netbiter.com](http://www.netbiter.com).

The result is that you can connect your equipment to ThingWorx with a couple of mouseclicks.

**Need Netbiter Argos connectivity?**  
Use Netbiter EC gateways to connect to HMS's own cloud service Netbiter Argos.



By connecting a Netbiter LC gateway to a machine, device or sensor, you can monitor this equipment in a regular web browser. You access the information by logging on to the Netbiter LC's internal webpages or by using the built-in ThingWorx connectivity which allows you to see the live values in ThingWorx.

**Access option 1: View data from your equipment via a local network (LAN)**

The Netbiter LC gateways are equipped with an internal web interface, allowing you to view live values, logged data and get alarms from your machine. LC gateways are specifically designed for use with closed and secure Local Area Networks (LAN).

**Access option 2: View live values in ThingWorx**

The Netbiter LC gateways also come with plug-and-play Thingworx connectivity allowing you to create a "Thing" in ThingWorx with a few clicks of the mouse. In ThingWorx, you can easily build graphical dashboards (Mashups) and get alarms and reports online.

**Connectivity to the device/machine**

The Netbiter LC gateways securely connect to your field equipment via Serial RS-232/485, Modbus RTU or Modbus TCP. On-board I/O ports provide the option to connect sensors and additional equipment to the system.

**Two versions: Ethernet and cellular**

Netbiter LC comes in two versions: LC310 sends data via Ethernet only, while LC350 can use both Ethernet and cellular communication (3G/GSM/GPRS).



TECHNICAL SPECIFICATIONS		
Name	Netbiter LC310	Netbiter LC350
Connection to network	Ethernet only	Ethernet and 3G/GSM/GPRS
Order code	NB1012 NB1014 (ThingWorx version)	NB1013 NB1015 (ThingWorx version)
Ethernet	10/100 Mbit/s	10/100 Mbit/s
3G/GSM/GPRS	-	3G: Five Band UMTS/HSPA+ (WCDMA/FDD) (850/800, 900, 1900 and 2100 MHz) GPRS: Quad-Band GPRS Class 12 (850/900/1800/1900 MHz)
Antenna connector	-	SMA female
Relay output (max 24 V, AC/DC, 1A)	1	1
Digital inputs	2 (Dry contact)	2 (Dry contact)
Analog inputs (PT100, 0-10 V or 0-20 mA)	4, all supporting 0-10 V or 0-20 mA and 2 supporting PT100	4, all supporting 0-10 V or 0-20 mA and 2 supporting PT100
Serial port #1	RS-232, 1,2 kbit/s to 115,2 kbit/s	RS-232, 1,2 kbit/s to 115,2 kbit/s
Serial port #2	RS-485, 1,2 kbit/s to 115,2 kbit/s	RS-485, 1,2 kbit/s to 115,2 kbit/s
Protocols	Modbus-RTU, Modbus TCP	Modbus-RTU, Modbus TCP
Proxy support	SOCKS/WEB	SOCKS/WEB
Modbus RTU to TCP conversion	YES	YES
Wall mounting / DIN rail*	YES/YES	YES/YES
Mechanical dimensions (L•W•H)	92 x 135 x 27 mm	92 x 135 x 27 mm
Operating temperature	-40 to +65 °C	-40 to +65 °C
Power supply	9-32 VDC	9-32 VDC
Power consumption (max at 24 Vdc)	2.5 W	4.5 W
Model name for certifications	NB301B	NB301A
Certifications	CE, CULUS, RCM	CE, CULUS, JATE, Telec, RCM, FCC, IC, PTCRB
Housing	Metal	Metal
ThingWorx connectivity	YES	YES

**HMS - Sweden (HQ)**  
Tel : +46 35 17 29 00 (Halmstad HQ)  
E-mail: sales@hms-networks.com

**HMS - Belgium (eWON)**  
Tel: +32 67 895 800  
E-mail: info@ewon.biz

**HMS - China**  
Tel : +86 010 8532 3183  
E-mail: cn-sales@hms-networks.com

**HMS - France**  
Tel: +33 368 368 034 (Mulhouse office)  
E-mail: fr-sales@hms-networks.com

**HMS - Germany**  
Tel: +49 721 989777-000  
E-mail: ge-sales@hms-networks.com

**HMS - India**  
Tel: +91 83800 66578  
E-mail: in-sales@hms-networks.com

**HMS - Italy**  
Tel : +39 039 59662 27  
E-mail: it-sales@hms-networks.com

**HMS - Japan**  
Tel: +81 45 478 5340  
E-mail: jp-sales@hms-networks.com

**HMS - Switzerland**  
Tel: +41 61 511342-0  
E-mail: sales@hms-networks.ch

**HMS - UK**  
Tel: +44 1926 405599  
E-mail: uk-sales@hms-networks.com

**HMS - United States**  
Tel: +1 312 829 0601  
E-mail: us-sales@hms-networks.com