

# Network Interface Card - 3G

The Network Interface card (NiC) is part of Network interface product series from Bimatix. It is specifically designed to help product manufacturers achieve seamless internet connectivity for utility meters. The firmware inside is specially designed for electricity metering application but it can be customized for other applications. The module can act as a bridge between a metering device and a 3G network.

DLMS/COSEM is now a globally accepted standard for metering. It demands the system to be designed in a Server- Data concentrator model in which the meter acting as server.

Support of IPv6 makes the server mode possible which allows each meter to have an IP address and allows to design a system compliant with DLMS/COSEM standard.

The hardware modules are designed with small form factor, which in most of the cases eliminates the need for a mechanical chassis redesign.

## Detail Specifications

Network connectivity	3G
Product dimensions	55 mm x 48 mm
IPv4 client mode	Yes
IPv4 sever mode	Yes
IPv6 client mode	Yes
IPv6 sever mode	Yes
External flash storage	No
Super Capacitor for power loss notification	Yes
UMTS/HSPA+	900/2100MHz
GSM/GPRS/EDGE	850/900/1800/1900MHz
Operating temperature range	-40~ +85°C
GPRS	Multi-slot Class 12
EDGE	Multi-slot Class 12
WCDMA	PS UL 384kbps/DL 384kbps
HSDPA	DL MAX 14.4Mbps
HSUPA	UL MAX 5.76Mbps



## Applications

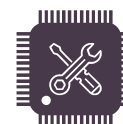
Smart metering  
Factory automation

### Our Advantages:

Local Support



In-House R&D



Reusable IP

