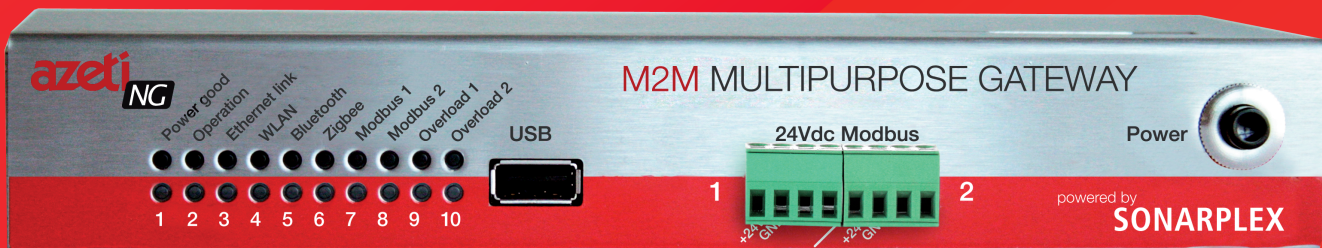
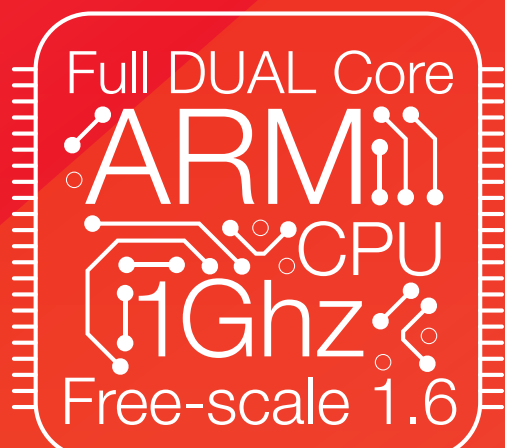




All about the



Processor



Memory



Management Software
SONARMANAGER

Application
Development

Restful API

Configuration Software
SONARPLEX

Hardware Interfaces

USB 2.0



1x
RS232

2x
RS485

Technology/Bands

HSPA/UMTS	800	850	900	2100
EDGE/GPRS/GSM		850	900	1800 1900
EV-DO/CDMA	800			1900

MHz

Data Rate

HDSPA/HSUPA

7.2/5.76
Mbps

EV-DO

3.1/1.8
Mbps

WCDMA

384
kbps

EDGE

**236.8/
118.4**
kbps

CDMA 1xRTT



kbps

GPRS

85.6/42.8
kbps

GSM

14.14
kbps

Power Class

HSPA/
WCDMA

Class **3**

GSM/
GPRS

Class **4**
850/900 MHz

GSM/
GPRS

Class **1**
1800/1900 MHz

EDGE

Class **E2**

Sensor Interfaces



ZigBee
Control your world

2,4 GHz ZigBee (XBee Pro)
Interface with full
integrated Zigbee
Software Gateway

2x
MODBUS
Interfaces

any SNMP Device

Optional

SONAR Interface for Industrial Sensors (0-10V / 4-20mA / Digital I/O) *Q2/2014
1x 2,4 GHz Bluetooth 4.0 Stack *Q2/2014

Wireless

Wi-Fi 54 Mbit
for Clients and Access Point



Power I/O

Input Power

DC IN 48V/50W
220/110 AC with Power Supply

Idle Power 350 mA

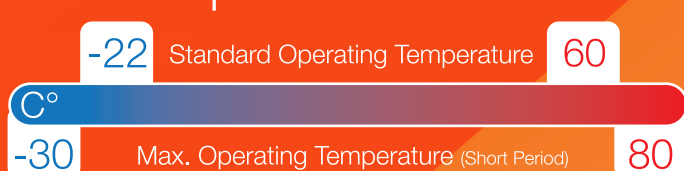
Output Power

24V 1A for Sensors

Ethernet Port

10/100 Mbps
Fast Ethernet Device RJ45 - Full/Half Duplex

Temperature



Dimensions

