

Declarations of conformity

The manufacturer

Diaprint /Steen Spaten
Frødings Allé 49
DK 2860 Søborg
Denmark

declare under our sole responsibility that products

DP2000 Bellmatic basic module,
DP2010, DP2020, DP2030, DP2040, DP2400, DP2410, DP2420, DP2434,
Ant DP2400, AntDP2401

are in conformity with the following standards in accordance with the following standards and European Directives:

LV Directive
EN60950:2001 +A11:2004

EMC Directive
Emission EN55022:1998 + A1:2000 + A2:2003 (Class B)
Immunity EN61000-6-1:2001

The appliances are CE-marked.

Approved Antennas and 2.4 Ghz equipment

For the use of wireless modules used in Bellmatic appliances MaxStream has issued Declarations of Conformity for the XBee®/XBee-PRO RF Modules concerning emissions, EMC and safety.

Important note: MaxStream does not list the entire set of standards that must be met for each country.

For more information refer to the following web sites:

CEPT ERC 70-03E - Technical Requirements, European restrictions and general requirements:
Available at www.ero.dk/.

R&TTE Directive - Equipment requirements, placement on market:
Available at www.ero.dk/. XBee®/XBee-PRO® OEM RF Modules - 802.15.4 - v1.xCx [2008.09.04] © 2008 Digi International, Inc. 67

XBee-PRO OEM RF Module

When integrating high-gain antennas, European regulations stipulate EIRP power maximums.

The following antenna types have been tested and approved:

Antenna Type: Yagi RF module was tested and approved with 15 dBi antenna gain with 1 dB cable-loss (EIRP Maximum of 14 dBm). Any Yagi type antenna with 14 dBi gain or less can be used with no cable-loss.

Antenna Type: Omni-directional RF module was tested and approved with 15 dBi antenna gain with 1 dB cable-loss (EIRP Maximum of 14 dBm). Any Omni-directional type antenna with 14 dBi gain or less can be used with no cable-loss.

Antenna Type: Flat Panel RF module was tested and approved with 19 dBi antenna gain with 4.8 dB cable-loss (EIRP Maximum of 14.2 dBm). Any Flat Panel type antenna with 14.2 dBi gain or less can be used with no cable-loss.

The following antennas have been tested and approved for use with the embedded XBee-PRO RF Module: • Dipole (2.1 dBi, Omni-directional, Articulated RPSMA, Digi part number A24-HABSM) • Chip Antenna (-1.5 dBi) • Attached Monopole Whip (1.5 dBi) The RF modem encasement was designed to accommodate the RPSMA antenna option.

Any antennainstallation that does not comply with the above specification will leave the appliance nonconformant.

On behalf of the above mentioned company I declare that on the date accompanied by this declaration is placed on market, the equipment conforms with all technical and regulatory requirements of the above listed directives.

Date: December 1st, 2008

Steen Spaten

Steen Spaten
Owner

(Original signature not shown for security reasons)

Bellmatic®