



EU DECLARATION OF CONFORMITY

We, the undersigned,

BEA SA, LIEGE Science Park, Allée des Noisetiers, 5, 4031 Angleur, Belgium

declare that the declaration of conformity is issued under our sole responsibility and belongs to the following product(s):

SEAGLE ONE unidirectional microwave sensor for automatic doors

The object of the declaration described above is in conformity with the relevant Union harmonisation legislation:

2014/53/EU RED Directive
2011/65/EU RoHS 2 Directive

The following harmonised standards and technical specifications have been applied:

| | |
|----------------------------|---|
| EN 300 440-2 V1.4.1 | Electromagnetic compatibility and Radio spectrum Matters (ERM); Short range devices; Radio equipment to be used in the 1 GHz to 40 GHz frequency range; Part 2: Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive |
| EN 301 489-1 V1.9.2 | Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements |
| EN 301 489-3 V1.6.1 | Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 3: Specific conditions for Short-Range Devices (SRD) operating on frequencies between 9 kHz and 246 GHz |
| EN 62311:2008 | Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0 Hz - 300 GHz) |
| EN 62479:2010 | Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz) |

Angleur, 12th June 2017
Pierre GARDIER
Chief Technology Officer
(authorized representative)

Angleur, 12th June 2017
Elmar KOCH
Managing Director



IMPORTANT INFORMATION CONCERNING THE USE OF THE TRANSMITTER

- Transmitter head characteristics:

| | |
|------------------------------|-----------------|
| Output frequency: | 24.150 GHz |
| Transceiver Output Power: | < +7 dBm |
| Transceiver + Antenna EIRP: | < +20 dBm |
| Operating Voltage: | 5V DC \pm 5 % |
| Operating Current: | 80 mA typ. |
| Operating temperature range: | -30°C to +70°C |

- Critical sealed adjustments not to be touched
- Allowed Antennas: Patch Antenna 3x1, 3x2, or 3x3

CONSTRAINTS CONCERNING THE USE OF RADIO EQUIPMENT IN THE EU

| COUNTRY | OUTPUT POWER | FREQUENCY BAND | STATUS |
|----------------|-----------------|---------------------|---------------------|
| AUSTRIA | 100 mW E.I.R.P. | 24.050 – 24.250 GHz | NO LICENCE REQUIRED |
| BELGIUM | 100 mW E.I.R.P. | 24.050 – 24.250 GHz | NO LICENCE REQUIRED |
| DENMARK | 100 mW E.I.R.P. | 24.050 – 24.250 GHz | NO LICENCE REQUIRED |
| FINLAND | 100 mW E.I.R.P. | 24.000 – 24.250 GHz | NO LICENCE REQUIRED |
| FRANCE | 100 mW E.I.R.P. | 24.050 – 24.250 GHz | NO LICENCE REQUIRED |
| GERMANY | 100 mW E.I.R.P. | 24.050 – 24.250 GHz | NO LICENCE REQUIRED |
| GREECE | 100 mW E.I.R.P. | 24.050 – 24.250 GHz | NO LICENCE REQUIRED |
| IRELAND | 100 mW E.I.R.P. | 24.000 – 24.250 GHz | NO LICENCE REQUIRED |
| ITALY | 100 mW E.I.R.P. | 24.050 – 24.250 GHz | NO LICENCE REQUIRED |
| LUXEMBOURG | 100 mW E.I.R.P. | 24.000 – 24.250 GHz | NO LICENCE REQUIRED |
| NETHERLANDS | 100 mW E.I.R.P. | 24.050 – 24.250 GHz | NO LICENCE REQUIRED |
| PORTUGAL | 100 mW E.I.R.P. | 24.000 – 24.250 GHz | NO LICENCE REQUIRED |
| SPAIN | 100 mW E.I.R.P. | 24.050 – 24.250 GHz | NO LICENCE REQUIRED |
| SWEDEN | 100 mW E.I.R.P. | 24.050 – 24.250 GHz | NO LICENCE REQUIRED |
| UNITED KINGDOM | 100 mW E.I.R.P. | 24.150 – 24.250 GHz | NO LICENCE REQUIRED |
| ICELAND | 100 mW E.I.R.P. | 24.050 – 24.250 GHz | NO LICENCE REQUIRED |
| NORWAY | 100 mW E.I.R.P. | 24.050 – 24.250 GHz | NO LICENCE REQUIRED |
| SWITZERLAND | 100 mW E.I.R.P. | 24.050 – 24.250 GHz | NO LICENCE REQUIRED |
| CYPRUS | 100 mW E.I.R.P. | 24.050 – 24.250 GHz | NO LICENCE REQUIRED |
| CZECH REPUBLIC | 100 mW E.I.R.P. | 24.000 – 24.250 GHz | NO LICENCE REQUIRED |
| ESTONIA | 100 mW E.I.R.P. | 24.050 – 24.250 GHz | NO LICENCE REQUIRED |
| HUNGARIA | 100 mW E.I.R.P. | 24.050 – 24.250 GHz | NO LICENCE REQUIRED |
| LITHUANIA | 100 mW E.I.R.P. | 24.050 – 24.250 GHz | NO LICENCE REQUIRED |
| POLAND | 100 mW E.I.R.P. | 24.050 – 24.250 GHz | NO LICENCE REQUIRED |
| SLOVAKIA | 100 mW E.I.R.P. | 24.050 – 24.250 GHz | NO LICENCE REQUIRED |
| SLOVENIA | 100 mW E.I.R.P. | 24.050 – 24.250 GHz | NO LICENCE REQUIRED |
| LATVIA | 100 mW E.I.R.P. | 24.050 – 24.250 GHz | NO LICENCE REQUIRED |
| MALTA | 100 mW E.I.R.P. | 24.050 – 24.250 GHz | NO LICENCE REQUIRED |

SAFETY RELATED PRECAUTIONS

WARNING! This equipment must be powered by an EN 60950-1 approved Class II SELV and Limited Power Source. This requirement consists of the need for a double isolation between primary voltages and sensor power supply. The power supply current will be limited by a fuse rated between 0.5A and 3A. We recommend a value of 0.5A T.