



E006: Temperature monitoring devices



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|---------------------------------|---|
| Product name: | ICE3 - Model BC141 |
| IMD-PQS Code: | E006-036e |
| Status: | Prequalified |
| Date of acceptance: | 11 Nov 2015 |
| Appliance type: | E006 |
| Product description: | EMS Levels 2&3 Device |
| Manufacturer: | Beyond Wireless Technology (Pty) Ltd |
| Manufacturers Reference: | ICE3 - Model BC141 |
| Country of Manufacture: | South Africa |
| Address: | Building 13, Woodlands Office Park, 20 Woodlands Drive, Woomead, Sandton Gauteng South Africa |
| Telephone: | +27 (0)112432960 |
| Email: | support@beyondwireless.co.za |
| Website address: | http://beyondwireless.co.za/ |
| Valid until: | 31 May 2026 |

Specifications

PRODUCT SPECIFICATIONS - MAIN

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|--|------------|--|------------------------------|
| Mode of operation | Electronic | Minimum logging intervals (mins) | 1.00 |
| Maximum logging intervals (mins) | 10.00 | Sensor type(s) | NTC+'door-open' event sensor |
| Maximum sensor lead length (metres) | 1.00 | Maximum number of sensor channels | 6.00 |
| External dimensions height (mm) | 75.00 | External dimensions length (mm) | 175.00 |
| External dimensions width (mm) | 40.00 | Material | ABS |
| Fixing mechanism | Adhesive | CE marking | Yes |
| Minimum working temperature (°C) | -40.00 | Maximum working temperature (°C) | 105.00 |

MECHANICAL AND ELECTRONIC DEVICES ONLY

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|-------------------------------------|---|-------------------------------|--|
| Accuracy (+/- °C) | 0.20 | Power source | Other |
| Power Source (Other) | Battery / Mains / Solar | Battery type | Lithium |
| Battery shelf life (year) | 10 years | Activated battery life | Up to 1000 charge cycles |
| Alarm type | Aucostic | Memory size (Mb) | 0.0232000000 |
| Memory capacity (readings) | 35000.00 | Programmability | Other |
| Programmability (Other) | Remotely programmable | User interface | Membrane keypad, App, Internet browser |
| Display medium | Onboard LCD and Online (via internet browser) | Recording medium | Not applicable |
| Ingress protection rating IP | IP50 (logger); IP68 (probe) | | |

Comments

Remote monitoring / alarming device for cold-chain storage facilities and assets such as warehouses, fridges, freezers, walk-in cold rooms/freezers, incubators etc. The following are included: - Inputs: 4 x Temperature, 4 x digital e.g. door, power status - Built-in Ambient temperature / RH - Built-in power monitoring (Mains and OEM versions). - Magnetic mount (in addition to / instead of screw mounts) - Backup battery in case of mains failure, with alarm notification. - Global SIM with multi-network roaming - Real time SMS, email, smartphone app and on-line alarming notifications with multi-recipient escalation - Portal access for unlimited users - Smartphone App (Android, iOS and Huawei) - Multilayer, remotely configurable alarm parameters. - Real-time GIS dashboard. - Historic online cold chain reporting & performance analysis with detailed root-cause and corrective action analytics by region, site, asset, make and model - Full 30DTR functionality - Alarm types include: Buzzer. LED, LCD (at unit) and SMS, Email, App, ColdCloud portal (remotely) - Available in Battery, Mains, OEM and truck configurations. Options: => GPS (track asset including fridges, refrigerated vehicles etc) => FreezeGuard (Automatically switch fridge off if temperature gets too cold) => Remote control (set fridge temperature remotely – replaces thermostat/controller in fridge)

PRICE AND SHIPPING

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|-----------------------------|-----------------------------------|--------------------------------|--------|
| Shipping volume (m3) | 0.0015 | Weight per Package (Kg) | 0.3000 |
| Units per package | 1.00 | Weight per Unit (Kg) | 0.3500 |
| Minimum order | 1.00 | Incoterms | FCA |
| Price 1 | \$300 once-off and \$360 per year | Year of base price | 2015 |

QUALITY STANDARD

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|--------------------------------|--|---------------------------------|---------------|
| Quality Standard | Other | Quality standard (Other) | ISO 9001:2008 |
| Specification Reference | Applicable PQS specification: E006/TR03.2 Applicable PQS VP(s): E006/TR03-VP.2 | | |

PRODUCT SITES

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|--------------------------|--|
| Organization name | Beyond Wireless Technology (Pty) Ltd |
| Address | Building 13, Woodlands Office Park, 20 Woodlands Drive, Woomead, Sandton Gauteng South Africa |

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|----------------------------|---------------------|---------------------|--------------------|
| Current PQS status: | <i>Prequalified</i> | Valid until: | <i>31 May 2026</i> |
|----------------------------|---------------------|---------------------|--------------------|

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.