E006: Temperature monitoring devices

Product name:	**ICE3 - Model BC141**
IMD-PQS Code:	E006-036
Status:	Prequalified
Date of acceptance:	11 Nov 2015
Appliance type:	E006
Product description:	Remote Temperature Monitoring Device
Manufacturer:	Beyond Wireless Technology (Pty) Ltd
Manufacturers Reference:	ICE3 - Model BC141
Country of Manufacture:	South Africa
Address:	1st floor, Building 13, Woodlands Office Park, 20 Woodlands Drive, Woomead, Sandton 2191 South Africa
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Website address:	http://beyondwireless.co.za/
Valid until:	31 May 2026

Specifications

PRODUCT SPECIFICATIONS - MAIN

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

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, refrirdated 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

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

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

Organization name	Beyond Wireless Technology (Pty) Ltd
Address	1st floor, Building 13, Woodlands Office Park, 20 Woodlands Drive, Woomead, 1st floor, Building 13, Woodlands Office Park, 20 Woodlands Drive, Woomead, Sandton 2191 South Africa

Current PQS status:	*Prequalified*	**Valid until:**	*31 May 2026*

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.