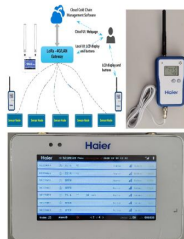




E006: Temperature monitoring devices



Product name:	U-COOL-LORA
IMD-PQS Code:	E006-075
Status:	Prequalified
Date of acceptance:	02 Aug 2021
Appliance type:	E006
Product description:	Remote Temperature Monitoring Device
Manufacturer:	Qingdao Haier Biomedical Co., Ltd
Manufacturers Reference:	U-COOL-LORA
Country of Manufacture:	China
Address:	No.280 Fengyuan Road High-tech Zone Qingdao Shandong China
Telephone:	+86-15066227057
Email:	tianhui.yu@haierbiomedical.com
Website address:	http://www.haiermedical.com
Valid until:	31 May 2026

Specifications

PRODUCT SPECIFICATIONS - MAIN

Mode of operation	Electronic	Minimum logging intervals (mins)	1.00
Maximum logging intervals (mins)	1440.00	Maximum recording time (days)	30.00
Sensor type(s)	temperature probe; Door On-off; Power Outage	Maximum number of sensor channels	1.00
External dimensions height (mm)	33.00	External dimensions length (mm)	160.00
External dimensions width (mm)	100.00	Activation mechanism	manual
Material	Gateway: Aluminium frame; Logger: ABS	Fixing mechanism	Adhesive
CE marking	Yes	Minimum working temperature (°C)	-40.00
Maximum working temperature (°C)	80.00		

MECHANICAL AND ELECTRONIC DEVICES ONLY

Accuracy (+/- °C)	0.50	Power source	Mains+Battery
Battery type	Lithium	Battery shelf life (year)	3 years
Activated battery life	36 months	Alarm type	Visual
User interface	LCD DISPLAY	Display medium	LCD Display
Recording medium	Electronic	Ingress protection rating IP	IP50

Comments	1X Gateway,4X Temperature sensor,1X Door On-off sensor,1X Power Outage sensor The whole system consists of repeaters and different collectors: Four Temperature collectors, One Power on-off collector, One Door open-close collector. The software fee includes annual subscription fees, portal access fee, SIM card startup fee. The collector sends the collected data to the repeater through LoRa(Long Range Radio) signal, and the repeater sends the data to the cloud platform through GPRS signal. A repeater can be automatically connected with about 60 collectors. Users do not need any settings for the hardware devices, and can operate after starting up. Users only need to set the alarm threshold, user information and device name on the cloud platform. Weight per package (Kg): 1X Gateway: 0.64Kg
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PRICE AND SHIPPING

Shipping volume (m3)	0.023	Weight per Package (Kg)	0.6400
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Units per package	1.00	Weight per Unit (Kg)	0.6400
Minimum order	1.00	Incoterms	FCA
Price 1	The software fee: 200 USD to 300 per year	Price 2	The hardware fee: 1350USD (1-50 units)
Price 3	The hardware fee: 1300USD (51-100 unit)	Year of base price	2021

QUALITY STANDARD

Quality Standard	Other	Quality standard (Other)	ISO 9001:2015
Specification Reference	Applicable PQS specification: Applicable PQS VP(s):		

PRODUCT SITES

Organization name	Qingdao Haier Biomedical Co., Ltd
Address	No.280 Fengyuan Road High-tech Zone Qingdao Shandong China

Current PQS status:	<i>Prequalified</i>	Valid until:	<i>31 May 2026</i>
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Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.