Technical Specifications TIN (The Ikhaya Node) Temperature & Humidity Logger

General	
Model	TIN I/E-T/TH/P
Dimensions	100x100x40
Weight	<0.3kg
Mounting method	Velcro/Two-way tape/Mounting 6mm wall plug or screws
Mode of Communication	LORA
Mode of operation	Electronic
ICASA Approval	TA-2018/2266
Environmental Specifications	
Operating Temperature	5°C to 40°C
IP Rating	IP 56
Storage Temperature	1°C to 60°C
Electrical Specifications	
Input Supply	9Vdc, 3Ah
Standalone Battery Backup	Active Mode (Transmission): 250mA
Current Consumption @ 12V	Standby Mode: 47uA
Battery Type	Alkaline, AA
Battery operating life	Approximately 1.5 to 2 Years
RF Specifications	
Bandwidth Standard	868Mhz
Range	0m to 2000m Line of sight (environment dependant)
Logging	
Logging Interval	Default: 10 Minutes Minimum: 10 Minute Maximum: 1440 Minutes (Configurable in 1 minute step duration)
Standard Upload Frequency	Default: 10 Minutes Minimum: 10 Minute Maximum: 1440 Minutes (Configurable in 10 minute step duration)
Memory capability	3 logs internal EPROM
User Interface	
Viewing	WEB www.myfridgeonline.com
Alarms	
External	WEB, SMS, Email & Telegram
Quality	
Standard	ISO 9001-2015
Internal Temperature Humidity Sensor	
Digital Probes	1
Sensor Temperature Range	-30°C to +60°C
Sensor Temperature Accuracy	±0.2°C
Sensor Humidity Range	0 to 100%
Sensor Humidity Accuracy	±2%