



## CTL / CTL Plus+

- Contactless temperature data logger
- Utilizes mobile app
- Pre-programmed to customer specifications
- High accuracy, Fast response time
- Large memory capacity
- Long battery life
- 7 LED indicators
- Waterproof pouch
- RAO (Radio Always On) CTL plus+ only



### CERTIFICATIONS



21 CFR  
Part 11



ISO  
9001:2015

### Product Specifications *(continued on back)*

Logger	
Transmission Range	Approximately 30.5m (100ft) line-of-sight
Logging Rate	20 seconds to 18 hours
Logging Modes	Temperature/Event ID/Date & Time
Start Modes	Push button or via mobile app
Stop Modes	When memory full, push button or via mobile app
Time Accuracy	±5 minute per month at 25°C (77°F)
Battery Life	1 year / 1 Trip (turned on)
Memory	4000 Records+62 Events (16KB) or 8000 Records + 128 Events (32KB)
LED	5 LEDs for alarm: HH, H (red), OK (green), L, LL (blue); 1 LED for status (orange); 1 LED for RF module (white)
Push Button	1 with 4 different activities: check status & manual log (less than a second)/RF on & off (3-4 seconds)/Start (7-9 seconds)/Stop (10-12 seconds)
Size	95mm x 50mm x 9mm
Weight	20g
Environmental Rating	IP67, Completely food safe
Packaging	Plastic sleeve

Temperature Sensor	
Range	-30 °C to +70 °C
Accuracy	±0.2°C



# CTL / CTL Plus+

## Product Specifications *(continued from front)*

Mobile App	
OS	Android 4.0 or higher, iOS
Application features	Communicate with device, sync date/time, setup the device and log parameters, download the records, calculate and analyze the data and calculate statistic parameters (max, min, avg, MKT, log duration, individual thermal zone durations) Show data in table and chart, generate report
Report format	PDF, Excel, Raw Data
Export mode	Sending by email, share by messenger app (WhatsApp, Skype, Telegram)
Application Update	Automatically via Google Play or Apple App Store [CTL Cryopak Contactless Logger App]

Available Versions			
Product Code	Number of logs	Audio Buzzer	RF Always On (RAO)
CTL – ST – 4	4K	N/A	N/A
CTL – ST – 4 – B	4K	<input type="radio"/>	N/A
CTL – ST – 4 – B – RAO	4K	<input type="radio"/>	<input type="radio"/>
CTL – ST – 8	8K	N/A	N/A
CTL – ST – 8 – B	8K	<input type="radio"/>	N/A
CTL – ST – 8 – B – RAO	8K	<input type="radio"/>	<input type="radio"/>



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