



Continuous Thermal Monitoring

IR TEMPERATURE SENSOR - LAST 24H

Ambient PDU 1 Bus Bar Live



CinchOne™ Continuous Thermal Monitoring

Electrical hot spots can form between inspections and lead to arc flashes and costly failures. Cinch uses non-contact IR sensors to continuously monitor bus bars, switchgear, power panels, and other critical points—delivering live readings, trends, and alerts so you can act before problems escalate.

Key features

- Non-contact temperature sensing
- Continuous monitoring with historical trends
- Configurable alerts for high temperatures
- Easy data access via platform API
- Power and communications on the same wiring--no wireless signals.

Benefits for your facility

- Spot issues early and prevent unexpected downtime
- Direct maintenance to the highest-risk areas
- Respond faster to emerging problems
- Improve safety

Support@cinchiot.com for more info

 www.cinchiot.com
 sales@cinchiot.com





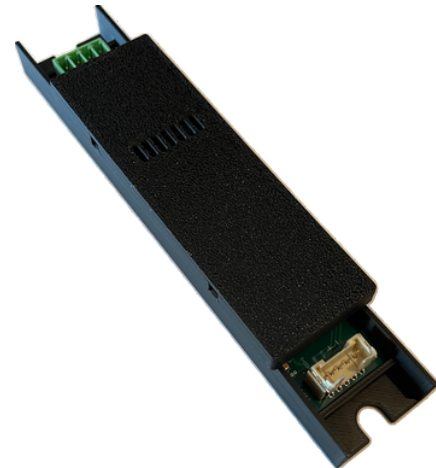
Cinch 32 Port Controller

IR Sensor



Sensor Specs

- **Sensor Type:** Non-contact IR thermal sensors
- **5V, .2 Watts each**
- **Temperature Range:** -20°C to 150°C (-4°F to 302°F)
- **Accuracy:** ±1°C (±1.8°F)
- **Sampling Rate:** Continuous, with configurable intervals
- **Operating Environment:** 0°C to 75°C (32°F to 167°F), 10-90% RH (non-condensing)



1 Port Micro Driver

Sensor Driver Specs

- **Input:** 15VA max, 57VDC max
- **Controller to MMD:** 22/2 PR
- **Micro driver to sensor:** 22/4 with shield, 3 M max
- **Output:** Programmable 3.3/5 VDC
- **Drivers per circuit:** 4 (24 sensors)
- **Max cable distance:** Up to 400' from controller
- **10 Year warranty with CinchOne™**
- **Dimensions:** 7.3"L x 1"W x 1"H
- **UL8750 Listed**
- **Cables 600V rated jacket**

Ordering	SKU
Mighty Micro Driver-1W Sensor-1 Port	CMMD-100W-S1
Mighty Micro Driver-.1W Sensor-6 Port	CMMD-100W-S6
IR 5 degree Sensor bundle (w/gimbal)	CIR-5dA
Magnetic IR Gimbal Mount	MGM-1
2.5M S6 Interconnect Harness	H-2.5M-S6
1.5M IR Sensor Harness	H-1.5M-IR
2.5M IR Sensor Harness	H-2.5M-IR