

Intelligent Building Solutions

Technical Description



CZ-2 M12-L **iButton Probe** Flush mounting

Accessory for
CIB-tech

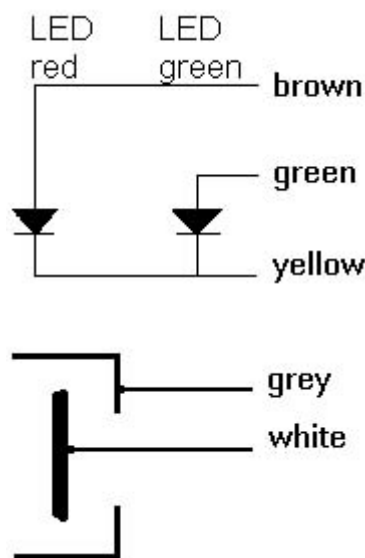
The CZ-2 M12-L is a flush mounted iButton probe that can be used with CIB-tech iButton based access control units¹.

Technical Specifications

Electrical characteristics

- **Back light LEDs**
 - Maximum forward current: 15mA
 - Typical forward voltage: 2V
- **Connection with iButton**
 - Mechanical contact that connects the iButton to the one-wire master:
 - typical one-wire bus voltage levels: 0 – 5V

Equivalent electrical drawing:



Mechanical characteristics

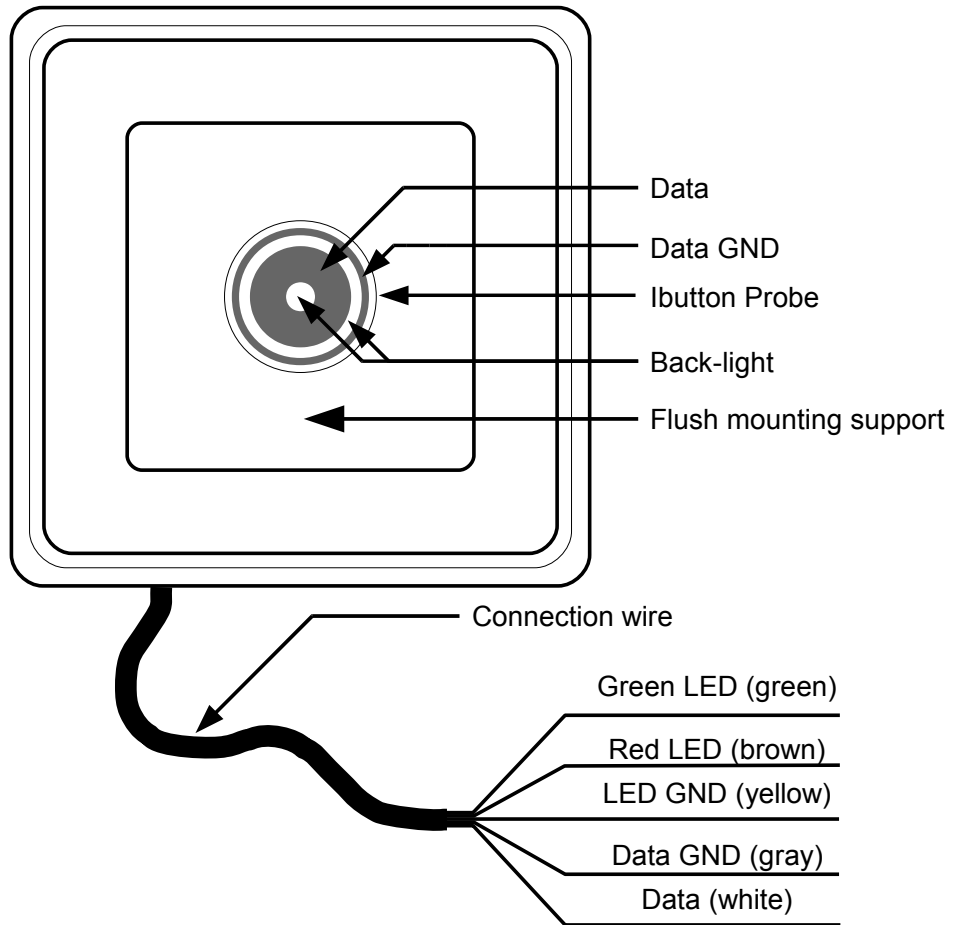
- Dimensions: 80mm W x 80mm L x 50mm D
- Weight: 100g
- Wire length: 35cm

Part description

- **Flush mounting support:** White plastic support for mounting the CZ-2 M12-L in a standard 60mm pattress box
- **iButton probe:** mechanical contact for connecting the iButton:
 - Data: Data contact for iButton
 - Data GND: GND contact for iButton
 - Back-light: Red/Green/Orange back-light for the iButton probe
- **Connection wire:**
 - Green LED (green): anode of green back-light LED – green wire
 - Red LED (brown): anode of red back-light LED – green wire
 - LED GND (yellow): common cathode of back-light LED's – yellow wire
 - Data GND (gray): GND signal for iButton communication - gray wire
 - Data (white): Data signal for iButton communication - white wire

¹ Ex: CAP 2010 SR, CAP 2010 DR. Check IBS device list for other products.

Mechanical drawings



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Technical Support:
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