

**Fireproof Crashworthy Memory Module TR - C**  
**( Compliance with IEEE 1482.1-2013 Rail Transit Vehicle Event Recorder )**



**Features:**

- A rugged crashworthy memory device specially designed for protection of memory data against extremely harsh events such as fire, immersion and hard crash
- Air connector M12-5PIN
- Withstanding 1100°C high temperature fire for 60min or 750°C / 60min followed by 260°C / 600min
- The stored data can be retrieved conveniently after unexpected harsh events
- Highly suitable for event data recorders of trains, subways or wherever you have a high demand for protection of your data information in extremely harsh conditions
- In accordance with IEEE Standard for Rail Transit Vehicle Event Recorders:  
IEEE 1482.1 - 2013
- Size: 160 x 110 x 80 mm ( 6.30 x 4.33 x 3.15 in )
- NWT: 3.80 kg ( 8.38 lb )

**Technical Specifications**

Interface	□ USB 2.0 M12-5PIN air connector
Power Input	5V±5% <1W
Writing Circulation	PE: 3000 times
Storage Capacity	eMMC ( MLC ): □ 32G □ 64G □ 128G □ 256G
Fire Resistance	1100°C / 60min 750°C / 60min followed by 260°C / 600min
Fluid Immersion	48 hr
Deep Water Immersion	240 hr 100m underwater
Salt Water Immersion	48rs 15m salt water
Static Crush	168kN 5min ( 3 axes )
Impact Shock	55 G (all axes ) for 100ms
Penetration Resistance	0.4cm <sup>2</sup> pin 23kg 1.5m
Antiknock Quality	0.5ms 1008kPa ( 1kg TNT/ 1m )
Alternative Electric Field ( AEF )	64KA 10MA/S 1m
Temperature Range	-40 ~ 75°C ( operation ) -40 ~ 85°C ( storage )
Standard	IEEE 1482.1 - 2013