

Vehicle Black Box DN-ADR



Features:

- GPS + BD2 dual positioning modules
- CAN x 6 ; LAN x 2
- Survives 1100°C high temperature fire
- Survival in 100m deep water for 240 hours
- Physical protection / Local storage
- Recommended for self-driving vehicles / DSSAD
- Size: 130 x 92.5 x 55 mm (5.12 x 3.66 x 2.17 in)
- NWT: 1.20 kg (2.65 lb)

Technical Specifications:

| Items | Basic version | Updated version |
|------------------------------------|--|---|
| Audio / Video Input | IP Camera (RTSP) | |
| Power Input | 9 ~ 36V DC | Two power supplies |
| Backup power | 5V, 2.2F(farad) | |
| Localization | GPS / BD2 | |
| CAN Bus | CAN × 3 (default 500 kbps) | CAN_FD × 6 |
| LIN Bus | | LIN x 2 |
| Interface LAN | 2 *100M Ethernet | 2 * 100M & 1 * 1G |
| Interface USB | USB 2.0 x 1 Type A | |
| Sensor Signal -- Posture Sensor | | 3-axes acceleration (±16 g) 3-axes angular rate (±16 dps) 3-axes magnetic field (±16 gauss) |
| Sensor Signal -- Impact Sensor | | 3-axes acceleration (±200 g) |
| Digital Input | | 8 Channels/ 5 ~ 28V |
| Telecommunication | | 4G/5G |
| Storage Media | MLC / Rewriting 3000 times | |
| Storage Capacity | 128GB or other choices | 256GB or other choices |
| Fire Resistance | 1100°C/ 15min 950°C/ 20min 260°C/ 120min | |
| Deep Water Immersion | 100m underwater 240 hr | |
| Static Crush | 110 kN 5 min | |
| Antiknock | 0.5ms 1008kPa (1kg TNT/ 1m) | |
| Rapid cooling | 1100°C circumstance 1L/s water streams | |
| Data security | Security chip | |
| Temperature Range | -20 ~ 75°C | -40 ~ 85°C |