



## 2.4 GHz Active RFID Evaluation Kit – F529 Reader + 2 T505 Cards + 2 AT507 Tags

Model ACT-F529-EVK · Brand: Identium



A long-range active RFID trial: the F529 outdoor 2.4 GHz reader with two T505 active cards and two AT507 rugged active tags. Test hands-free tracking of people, vehicles and assets on your own site before a roll-out.

### KEY FEATURES

- **F529 outdoor reader: up to 400 m directional range, four antennas facing four directions**
- **2 x T505 active cards (2.45 GHz) for people: up to 150 m, printable white card**
- 2 x AT507 rugged active tags for vehicles and assets, grey ABS housing
- Battery-powered tags read hands-free, more than 200 tags per second
- TCP/IP and GPRS for data, remote set-up and firmware upgrades; BLE 4.0 for set-up from a phone
- Rainproof, lightning-protected reader housing for outdoor base stations

### APPLICATIONS

Staff and visitor tracking

Vehicle gate access

Campus and yard RTLS trials

Construction and mining sites

Mustering and evacuation

### SPECIFICATIONS

|                |                                                                                                                         |
|----------------|-------------------------------------------------------------------------------------------------------------------------|
| Kit contents   | 1 x F529 active RFID reader, 2 x T505 active RFID cards, 2 x AT507 rugged active RFID tags                              |
| Frequency      | 2.4 GHz ISM band                                                                                                        |
| Reader         | F529 outdoor active RFID base station, four dual-polarised directional antennas                                         |
| Read range     | Reader: up to 400 m directional; T505: up to 150 m; adjustable in software; depends on tag, terrain and mounting height |
| Interface      | TCP/IP, GPRS; Bluetooth BLE 4.0 for set-up                                                                              |
| Cards          | T505: battery-powered 2.45 GHz active card, printable white plastic, 22 g                                               |
| Tags           | AT507: battery-powered 2.4 GHz rugged tag, grey ABS housing, average current below 15 $\mu$ A                           |
| Anti-collision | More than 200 tags read per second; fixed-frequency mode with strong anti-jamming                                       |