

Controller “Active NOW”

The 2,45 GHz Active NOW Tag Controller is used in systems, which integrate the Active NOW Tags family provided by iDTRONIC. The controller is supplied with a standard rubberduck antenna for an up to 60m radius communication range. The sensitivity can be software regulated down to a few meters. Thanks to the availability of the Active NOW directional antennas it is also possible to segment the reading area.



The iDTRONIC Active NOW Controller is delivered with RS232 / RS485 interface in its basic configuration. The anti-collision rate is in the range of 80–100 tags per second. One single Controller can operate thousands of tags. The controller can be firmware upgraded directly by the system integrator. Health and safety is a major consideration in the design of this product.

The Active NOW Controller can be operated in Dense Controller Mode. For applications with multiple controllers, iDTRONIC offers a specific middleware called Active NOW EdgeWare for the management of the controllers. The iDTRONIC EdgeWare guarantees easy integration and 1 centralized database.

The Active Tag Controller Active NOW is supplied with Windows XP .dll file, application software and detailed manual.

Applications:





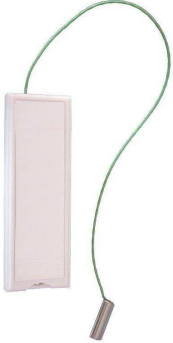
- Access Control
- Logistics
- Industrial Solutions
- Museums
- Asset Tracking
- Airports
- Parking and Car / Truck management


Product specification:

| | |
|-----------------------------|--------------------------------------|
| External dimensions: | 126 x 104 (82,5) x 28mm |
| Humidity protection: | IP54 |
| Colour: | Metal silver/grey |
| Power supply: | 5-12V DC, 50mA |
| Interfaces: | RS232 / RS485 |
| Radio regulation: | ETS300-440Rx, TX Class8, Duty Class2 |
| Safety: | EN 50364:2001 |
| Frequency: | 2,4GHz |
| Storage temp.: | -40°C up to +70°C |
| Operation temp.: | -10°C up to +60°C |
| Reading Range: | Up to 60m with standard antenna |
| Order number: | R-AN-1901 |

Product – Data Sheet

Available “Active Now” Tags and Antenna:

| CreditCard Tag | Domino Tag | Almond Tag | Motion Tag | Temperature Tag |
|---|---|---|--|---|
|  |  |  |  |  |
| R-AN-1401 | R-AN-1402 | R-AN-1405 | R-AN-1403 | R-AN-1404 |

| Direct Antenna |
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|  |
| R-AN-1906 |