APK-ID
Your SMART choice for RFID products

ANIMAL EAR TAG

APK ID passive Animal Ear Tag is specially designed for tagging and tracking livestock and delivers exceptional performance when attached to them. The tag is available in all three frequencies (LF, HF and UHF) and in combination of them.

The tag meets all requirements in terms of heat, pressure and chemical resistance in the applications concerning livestock tracking that faces rough handling every day.

Features:

- Designed specifically for ear tagging
- The tag is built to withstand harsh environments & chemical exposure
- Dust and Waterproof
- Available in various memory and ISO protocols
- Tamperproof and non tamperproof format available
- Available in various memory and ISO protocols

Applications:

- Livestock tracking and identification

Tag Specification Data

	Low Frequency	High Frequency	Ultra High Frequency
ISO Protocol	ISO 11784/85	ISO 14443 / ISO 15693	ISO 18000-6C
Operating Frequency	125kHz/134.2kHz	13.56MHz	865-868/902-928MHz
IC Type	NXP, Silicon craft, Atmel EM, Texas Instruments	NXP, Legic, Infineon	Alien, NXP, Impinj
Memory	IC dependent	IC dependent	IC dependent
Data Retention	Up to 10 years	Up to 10 years	Up to 50 years
Programming Cycle	Up to 100,000 cycles	Up to 100,000 cycles	Up to 100,000 cycles
Material	Special Thermoplastic	Special Thermoplastic	Special Thermoplastic
Dimension Available	EID Button Ø24x13.8mm	Visual male/female 30x30mm	
Weight	Max 3.1g	Max 2g	

Environmental Test Data

Ingress Protection	IP67
Storage Temperature	-5^{0}C to +60^{0}C
Operating Temperature	-5^{0}C to +60^{0}C
Vibration Resistance	Excellent
Shock Resistance	Excellent
Impact Resistance	Good
Chemical Resistance	Highly resistive to water, Washing agents, Ethanol, Detergents, Oils and greases.

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