



Ultra-high Frequency (UHF) Cattle Management Livestock Tag

Utilizes the same RF technology adopted by global retailers and the Department of Defense (ISO 18000-6C, EPCglobal Gen 2)

UHF verses Low Frequency

FEATURE	UHF	LF
Read Distance with Fixed Antenna	25+ feet	Up to 3 feet
Read Distance with Portable Reader	Up to 15 feet	Up to 18 inches
Memory	650 bits or more	17 bits
Affected by metal	No	Yes - extremely degraded
Speed of transmission	915 Megahertz 1000 x faster	134 kilohertz
Data collision issues	No	Yes
Infrastructure Changes Required	No	Yes
Operable at Speed of Commerce	Yes	No

