Features

- ✓ Monitors the performance of a hands-free reader
- ✓ Monitors reader detection zone integrity
- ✓ Encrypted RF communication
- ✓ Relay contact to indicate fault conditions
- ✓ Maintenance free

AVR1-P | Aerial Interface Unit with Performance Test Tag

The AVR1-P is a combination of the AVR1 and TVP2 which can be used on all Cyphertag® RV1 and RVR1 readers. It offers all the same benefits as the TVP2 but without the need for an additional unit. Used in high security and safety-critical installations such as prisons where the continued operation of the reader must be monitored.

Technical Specification

Specification	Details
Power Requirements	5V DC, (supplied by RV1-RVR1 reader)
Dimensions	127 x 75 x 45mm
Weight	185g
Temperature Range	-20°C to +60°C (-4°F to 140°F)
Head amp LED function	RED - Remove capacitance GREEN- Add capacitance AMBER- Tag read
Test tag LED function	RED- Power AMBER-Failed GREEN-Scanning

Features

- ✓ Monitors reader detection zone integrity
- ✓ Encrypted RF communication
- ✓ Relay contact to indicate fault conditions
- ✓ Maintenance free

Technical Specification

Specification	Details
Power Requirements	5 - 12V, 100mA
Dimensions	117 x 85 x 35mm
Weight	150g
Temperature Range	-20°C to +60°C (-4°F to 140°F)
Relay function	NO - TVP1 Scanning NC - TVP1 Failed

TVP1 | Performance Test Tag

Designed to be used in situations including safety critical situations where the continued operation of the reader is essential and must be always monitored. The TVP1 Performance test tag ensures that the reader remains fully operational and gives an assurance that the desired reading range is being maintained.

Its main purpose is to raise an alarm should the reader, for whatever reason, fail to operate. However, its secondary purpose is to monitor the reading range and raise an alarm should the reading range be reduced significantly.