Raytel Security Systems Limited

helping to keep communities safer

EST. 1979

Engineering Data Sheet

AR-747HS-RAY

Dual Band Proximity Reader

- **Dual Band – 125Khz and 13.56Mhz**

- **WG or RS485 communication**

- **Red / Green bicolour LED for status indication (dependant on communication format)**

- **Surface mount**

- **Raised token logo**

- **High visibility**

- **Audible indication at reader for RS485**

- **Can be supplied in vandal proof stainless steel flush or surface versions (VR-RAY-F1 and VR-RAY-F1 + AEBBOX)**

- **Fully potted construction**

Brand

SOYAL ®

General Information

This compact reader can be used to communicate via wiegand or RS485. The reader is dual band and is therefore capable of reading 125Khz EM standard tokens or 13.56Mhz ISO14443A/Mifare tokens. The reader communicates the token details to the controller.

Dependant on communication configuration a Red or Red and Green LED can be configured to identify token presence and validity. The reader also incorporates an audible buzzer that can be configured to indicate activity.

This reader can be supplied as a AR-747HS-RAYX which is configured to provide high security access using Raytel Mifare tokens only.

This reader can be used in conjunction with any Soyal controller.

Specifications

System	Soyal Access Control
Voltage	9 – 16V DC
Power Consumption	< 1.5W
Communication	RS485 / Wiegand
Frequencies	125Kz / 13.56Mhz
Finish	PMMA / ABS
Dimensions	60mm x 60mm x 20mm
Cut out dimensions	40mm x 40mm
Connections	Screw Terminals
Fixing Centres	48mm x 48mm (4 fixings)
Weight	80g

Form : AR-747HS-RAY	Rev 1.0.0