

RAIL VEHICLE AVI TAGS

NWR Compliant & Ready to Fit

Automatic Vehicle Identification is rapidly rolling out across the UK rail sector. Network Rail have approved the technology and it's now mandatory for most new vehicles entering service.

Cnection works with a range of rail vehicle manufacturers and operators supplying industry proven tags. The tags are completely passive, with no battery and will last the lifetime of the vehicle.

ATEX options are available and all tags can be supplied optionally fitted with a 3M™ VHB adhesive backing, removing the need for mechanical fixings.

Tags can also be supplied pre-programmed and labelled – see our other data sheet for details.

Key Features

The tags have been chosen to meet the challenges of rail as well as other industrial applications. Key features of each device include:

- Network Rail industry proven devices
- Ruggedised and passive – no battery
- 3M™ VHB adhesive backing option.
- ATEX option available (subject to MOQ)
- Programming & Labelling option

Technical Specifications

The specifications may vary depending on the device version. Please contact us for detailed information.

RFID Technologies	UHF EPCglobal Class 1 Gen 2 (ISO 18000-6C)
AVI Technologies	UK Network Rail / European EVN GIAI
Read Range	Up to 10m @125mph (proven at 3m & 7m)
Freight vehicle AVI tag size	139mm x 53mm x 15mm
Freight vehicle AVI tag weight	60g (with VHB adhesive option)
Passenger vehicle AVI tag size	52mm x 48mm x 10mm
Passenger vehicle AVI tag weight	25g (with VHB adhesive option)

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Exo AVI tags prior to dispatch

Applications

- Rail AVI Trackside Vehicle Identification
- Maintenance Activity Automation
- Asset Management

Versions

- UK Network Rail / European EVN GIAI

Options

- 3M™ VHB adhesive option
- ATEX option (subject to MOQ)
- Programming & Labelling option



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Designed & Manufactured in Great Britain

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