

XT-3HD Reader

DATA SHEET

The all-in-one integrated XT-3HD Reader is easy-to-use, easy-to-install and is suitable for applications where a higher environmental classification is required, such as track-side mounting in railway solutions.



KEY FEATURES

- ▶ Fully compliant to ISO 18000-63 type C standard EPC Gen2 (UHF 865 to 868 MHz in Europe)
- ▶ CE certification to European Directives
- ▶ Certification to International EN railway standards
- ▶ Enclosure to IP66
- ▶ Ethernet, RS232, RS485 and Wiegand/Mag-stripe interfaces
- ▶ Operating temperature: -40°C (-40°F) to +60°C (+140°F)

The TagMaster XT-3HD Reader is a full functionality EPC Gen2 (ISO 18000-63) compliant UHF Reader. This reader is primarily intended for track-side installations in asset tracking applications within the railway industry.

The XT-3HD will read EPC Gen2 UHF ID-Tags mounted on passing trains or wagons. The reader uses an integrated reader/antenna design with the option to add an additional external antenna, therefore providing the configuration flexibility needed to suit a wide range of installations.

TagMaster has designed the XT-3HD around its GEN4 Linux operating system, which provides powerful processing capabilities within the reader and maximum flexibility in terms of application integration. The reader can simultaneously report timed tag events to both local and remote systems. The XT-3HD supports TagMaster's existing reader application software, as well as allowing customised reader application development using TagMaster's open source

Software Development Kit. TagMaster will also support the GS1 EPCIS Information Protocol Services communication interface.

The XT-3HD is a rugged outdoor reader designed to comply with appropriate EMC and environmental railway standards. It supports several standard communication interfaces including Ethernet (TCP/IP), RS232 and RS485. In addition the reader includes USB, relay, digital I/O ports and a service interface. The reader can be configured either locally or remotely using the built in web interface.

PART NO. INFORMATION

XT-3HD Reader	153110
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