

XTRA.RFID READER

The NEW Xtra.RFID Reader brings RFID cards to the karting track. It is an add-on for the Xtra.Safety System. It simply plugs into the De Haardt kart network.

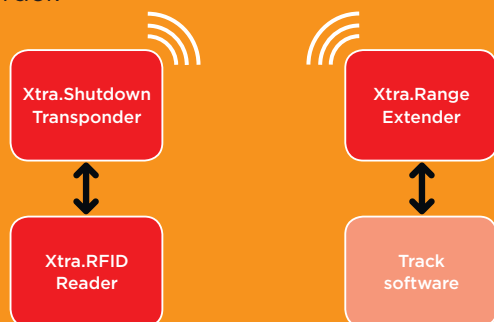
The Xtra.RFID Reader makes RFID technology available on the go-kart or any remote location. It provides fantastic opportunities to improve safety, maintainability and fun.

With our Xtra.RFID solution there is no human interaction with the go-kart driver required. The Xtra.RFID Reader is located on the go-kart and connects to your central server through the Xtra. Shutdown Transponder. When the driver identifies himself with his RFID card the server can link the go-kart with the driver, grant permission if there is enough credit and set speed limits that fit driver's experience level.



DE HAARDT NETWORK

The De Haardt network is a multi-master configuration. Any node within range can request or modify information from any other node. Communication can be both wireless or wired. For instance, a PC application may request firmware version from the Xtra.RFID Reader. The Xtra.RFID Reader in turn replies through the same path in reverse order.



BENEFITS

Hermetically sealed for dust and water. You may take it outdoors in rain, dirt and snow!

Very compact solution. Measures only 71 x 46 mm.

Easy and rugged mounting on any flat surface with two screws.

INDICATORS

A bright multi-color LED shows actual RFID status to the driver and/or track marshal.

Yellow	Card detected, waiting for server's decision
Green	Acknowledge received from server
Red	Rejection received from server
Blue	RFID calibration / error

A second multi-color LED is available for other functions. It may be set up to show the driver safety lights for instance. A blue blinking LED could mimic a blue flag event. Consult your software integrator for implementations.

SUPPORTED PROTOCOLS AND RFID CARDS

ISO/IEC 15693
ISO/IEC 14443-3 type A
MIFARE® Classic compatible

On request:

ISO/IEC 14443-3 type B
ISO/IEC 18000-3M1
ISO/IEC 18092
NFC Forum tags types 1, 2, 3, 4