ID ISC.MR200

As any device of the OBID i- *scan* ® reader family, the mid range reader ID ISC.MR200 operates with smart labels which are based on transponders with an operating frequency of 13,56 MHz (ISO 15693, EPC).

The reader ID ISC.MR200 is offered in an aluminium housing with the protection class IP54; for this reason it is protected against dust, dirt and syringe water and can be used therefore in the industrial background.

With a higher transmitting power of up to 1,7 watt and a reading range up to 70 cm, the ID ISC.MR200 closes the gap between ID ISC.MR100 with reading ranges up to 40 cm and the Long-range reader ID ISC.LR200 (for Long range applications with reading ranges up to 140 cm also in the industrial area).

Next to the industry usefulness through the high protection class and the higher transmitting power, the ID ISC.MR200 offers a so-called BRM function. BRM stands for "Buffered Read Mode" (data filtration and storage) and guarantees, that the data of already selected transponders are stored between in the reader and will be read only once. This benefit especially exists in applications with bulk recognition (Anti-collision): in this case the transmission speed of the data is increased enormously, because always only new selected transponders will be read.

The LAN-capable reader (Ethernet) has several digital entrances and exits as well as a so-called antenna diagnosis function that indicates whether an antenna is not adjusted as required.

Features:

- Anti-collision function
- OBID i- *scan* ® SMP (Standard Multitag Protocol)
- Multi-tag reader for ISO tags 15693 and EPC
- RS232- and RS485 interface
- Several antenna types available
- Buffered Read Mode
- Ethernet interface