



advanced reader technologies

i-scan

**Static Antenna
Tuning Controller
for long-range
antennas**

ID ISC.SAT.C-A



Control unit for antenna tuning of base and complementary antennas for the first setup of OBID® *i-scan* long-range applications or the adaption on changed surrounding conditions.

Features

- Tuning of different antenna types
- Tuning of base and complementary antennas
- Tuning without expensive and big measuring devices
- Diagnosis of antenna adjustment possible

Short description and technical Information

Short description

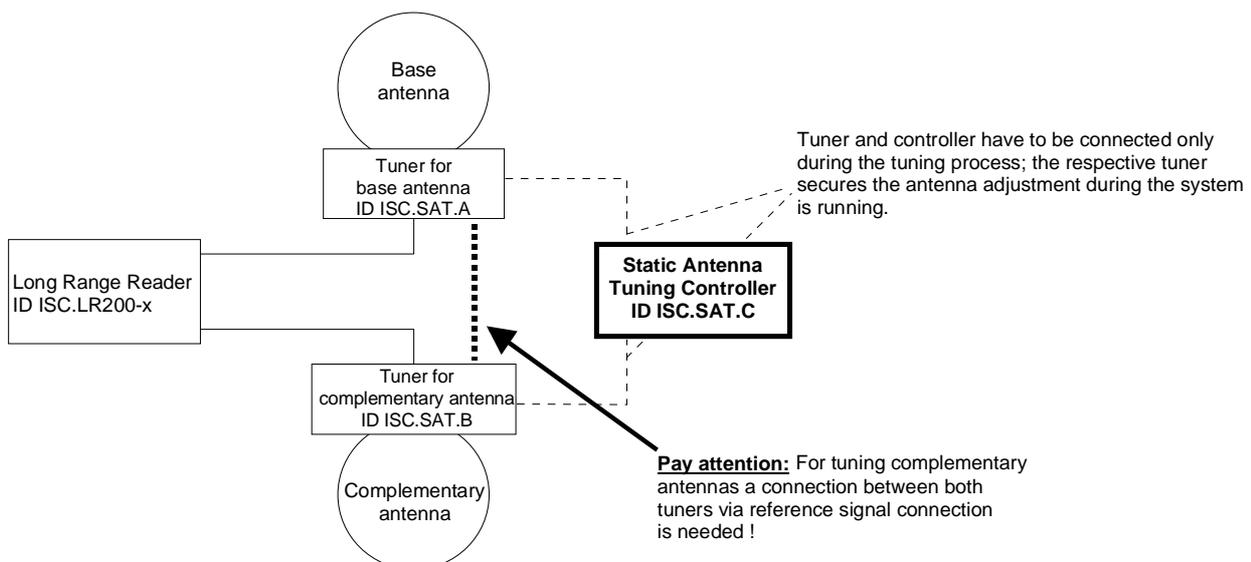
The OBID[®] *i-scan* Static Antenna Tuning Controller is generally used in combination with OBID[®] *i-scan* long-range antennas. For tuning them any long-range antenna contains a tuner*. Connected with the corresponding tuner (for base- or complementary antennas) the controller controls the antenna tuning by measuring the current antenna adjustment and changing this adjustment on the tuner till the best adjustment does exist. The use of the controller is only needed to setup an OBID[®] *i-scan* long-range application or to adapt the antenna adjustment because of changed surrounding conditions.

* For creating own antennas, you can also order single tuners.

Technical data

Housing	Plastic ABS
Colour	RAL 9002
Dimensions (WxHxD)	198 x 101 x 44 mm
Weight	approximately 350 g
Protection class	IP 40
Power supply	18 V (2x9 V block-battery)
Power consumption	approximately 200 mA (during the tuning process)
Temperature range	-25°C up to 50°C
Operating frequency	13,56 MHz
Signal generator	3 LED
Interface	RS232 (for diagnosis)
Suitable for	ID ISC.SAT.A (basic antenna) ID ISC.SAT.B (complementary antenna)

Devices arrangement



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