

Antenna Line Configurator (ALC) For Antenna Line Devices (ALD)

KATHREIN

- Supports AISG 2 / AISG 3
- HDLC-logging feature
- High-resolution display
- New Browser-interface



Antenna Line Configurator

Type No.	86010158
Connector* to RCU/TMA	1 x 8-pin connector according to IEC 60130-9, female, conforming to AISG RF-connector (SMB male)
Input voltage of ALC	24 V DC
Display	High-resolution display, sunlight visible
Tiltensor	Measuring range $\pm 80^\circ$, accuracy $\pm 1^\circ$
Output voltage to RCU's/TMA's	AISG female pin 6: 24 \pm 1 V DC RF-plug: 24 \pm 1 V DC
Output power (power supply to RCU's/TMA's)	RF-plug + AISG female pin 6 \leq 15 W
Current monitoring measurement level	AISG female pin 6, RF-plug: 10 – 650 mA
Over-current protection	AISG female pin 6, RF-plug: < 650 mA
Interface to RCU/TMA	RS 485 / power supply / RF connector (SMB male)
Protocol to RCU/TMA	HDLC hex-coded command set, conforming to 3GPP / AISG 2 and AISG 3
Interface	W-LAN (802.11g), USB 2.0
Max. number of RCU's/TMA's	9/1 pcs., depending on system configuration and length of control cable
Max. length of control cable	200 m / 9 RCU's (in daisy chain configuration) 150 m / 6 RCU's (in splitter configuration)
Internal memory	512 MB
Weight	1 kg 2.2 lb
Protection class	IP 54
Temperature range (operating)	-20 ... +45 °C ambient temperature
Temperature range (charging)	10 ... +40 °C ambient temperature
Dimensions (H x W x D)	265 x 102 x 37 mm 10.4 x 4.0 x 1.5 inches
Packing size	405 x 290 x 105 mm 15.9 x 11.4 x 4.1 inches
Power supply	LiPo-battery (16.6 V, > 1850 mAh)



* Tightening torque for fixing the connector must be 0.5-1.0 Nm ('hand-tightened').
The connector should be tightened by hand only!

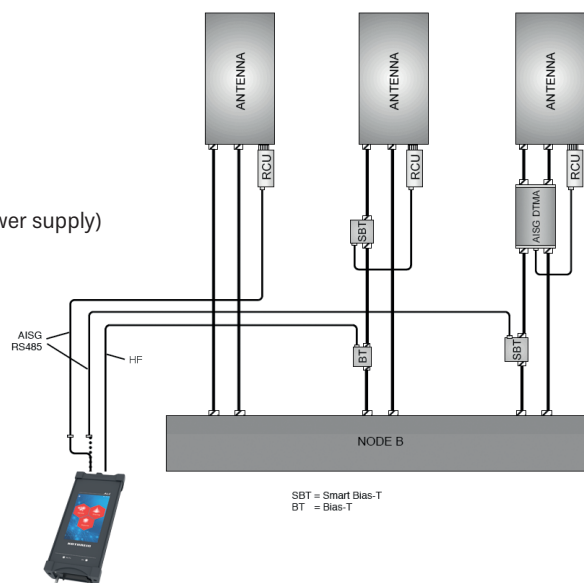
Please Note:

The user manual can be downloaded from our website www.kathrein.com/solutions/mobile-communication/support/driver-software/

Certificate: CE
FCC
UL (for external power adapter)

Standards: EN 60950-22
EN 62368-1
EN 62479
EN 50581
ETSI EN 301489-1
ETSI EN 301489-17
ETSI EN 300328 2.1.1

Scope of supply: ALC
Charging device (can also be used as external power supply)
USB cable
RET cable
HF cable (SMB / 7-16)
Transport case
Screen cover



936.0000629b | Subject to alteration.

Any previous data sheet issues have now become invalid.

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