



ACT-SCAN

Reliable, autonomous measurements of radio quality, around the clock

The ACT-SCAN is a system for determining the location-dependent coverage power of radio networks in the range **from 350 MHz to 6 GHz**. The device is designed for **fully autonomous operation** in road or rail vehicles and can also be used stationary with ease.

For high-resolution and cross-technology data acquisition, the system features up to **two Rohde & Schwarz TSME6 scanners**. This means that all mobile radio and operating radio frequencies such as **GSM, LTE, NB-IoT, 5G NR, TETRA, BOS, GSM-R, FRMCS, CBTC** can be measured simultaneously and independently of SIM cards.

The system has an integrated WLAN and radio modem for continuous connection to the central system and can be controlled remotely or locally.

The tests and certifications required for a wide range of installation locations have been verified in independent laboratories..

AUTONOMOUS

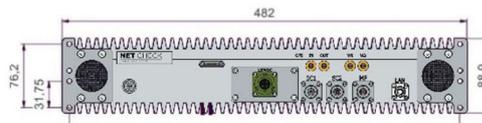
Autonomous measurement systems run unattended, around the clock. They can be used in all types of vehicles or stationary and provide measurement data at a high temporal frequency.

ROBUST

Our measuring systems are designed for use under challenging conditions: they are shock and vibration resistant and meet the strict requirements of European certification

VERSATILE

The frequency scanners used can measure different technologies simultaneously in order to reliably detect mutual influences.



Low installation depth due to advanced components

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Technical Data:

Temperature Range:	-25°C bis +50°C
Power Consumption:	< 350 W
Power Supply:	12VDC, 24VDC, 110VDC, 230VAC
Dimensions (DxWxH):	400 mm x 482 mm x 88.9 mm without connector
Mass:	≤ 20 kg
Certified according to:	CE, DIN EN 50155, DIN EN 45545, DIN EN 50121 and more
Technical Guidelines:	EMV06, TR-ANT and more

Certified Partner

ROHDE & SCHWARZ
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