



SMART
LYNX

Traffic Counting Sensor Datasheet

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Connectivity	Narrowband IoT (NB-IoT) - 3GPP standard
Supported frequencies	Band 1 (2100 MHz) Band 3 (1800 MHz) Band 5 (850 MHz) Band 8 (900 MHz) Band 20 (800 MHz) Band 28 (700 MHz)
Output power	23dBm
Sensitivity	-129dBm
Detection method	Magnetometer
Detection accuracy rate	95%
SIM card	Embedded chip SIM
Construction	Double cylinder External cylinder that is flush mounted into road surface Internal sealed cylinder containing electronics, antenna and battery (removable for easy exchangeability)
Dimensions	Diameter: 53 mm Height: 121 mm
Operating temperature	-40°C...+85°C
IP rating	IP68
Power supply	Built-in, non-chargeable battery
Battery lifetime	2 years on average