

## Tags and badges





## Wireless mesh router with 20 years battery life, designed for harsh industrial environments!

- Long-range wireless communication using mesh network topology
- Wireless router with extremely long battery life
- Simple deployment, maintenance, and expansion
- Over-the-air (OTA) firmware update via network
- Pick to light system with integrated LED
- Robust industrial casing IP68 water protection rating

		TECHNICAL CE	FCIFICATIO	2NC		
	0.6.1/0.0	TECHNICAL SP			1.1. \	
Power supply	3.6 VDC – 2 internal LS14500 lithium batteries (replaceable) 2.4 GHz – BLE channels / Mesh network					
Frequency	Router mode - Fixed point: fixed mesh network installation; data uploaded wirelessly via					
Operating modes	network; <b>Non-router mode</b> - Mobile point: periodic transmission of identifier and location Indicator light controllable via network					
Output power	Up to +4 dBm (adaptive/smart network)					
Range	Up to 140 meters free field (+4 dBm)					
Transmission period	Non-router mode - Mobile point: 15 seconds to 18 hours (configurable in seconds)					
Battery life	T°	ROUTER	NON-ROUTER			
		KOOTEK	1 minute	5 minutes	10 minutes	
	+20°C	20 years	3 years	12 years	20 years	
	+70°C	15 years	2 years	9 years	15 years	
	-40°C	9 years	1.5 years	5 years	9 years	
	*Battery lifetime calculations are based on real-world consumption measurements, manufacturer data on battery capacity, and taking 20% self-discharge (1% per year) into account.					
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