


# Fact Sheet


## System

RMS Accuracy	Typical 0.5 m, max 0.1 m
Frequency band	2.4 GHz ISM band
Bandwidth	1 MHz
Interference immunity	Excellent
Multipath immunity	Excellent
Minimum latency	<100 ms
Location event rate	0.1....100 Hz
Capacity	~up to 400 location events per second per channel

## Quuppa Tag – LD-6T

Size & Weight	44 x 31 x 8 mm, 10 g
Physical robustness	IP57, waterproof, impact proof
Operational temperature range	0°...60° C
Features	<ul style="list-style-type: none"> <li>• Triggering with acceleration sensor or optionally with impact switch</li> <li>• Adaptive location event rate control: Locators can control the transmit rate of individual tags adaptively</li> <li>• Positioning packets can carry small amount of data (acceleration sensor etc).</li> <li>• Location event rate max 50 Hz</li> </ul>
Battery life	460h of continuous tracking @ 20Hz, 9600h of continuous tracking @1 Hz Battery life max 5 years when using movement triggering
Compliance	

## Quuppa Locator – LD-6L

Size & Weight	Disk Ø 20 cm, max thickness 4 cm, weight 500 g
Connectivity	Ethernet
Operational temperature range	0°...60° C
Power	PoE (2W) or DC 12 V/500 mA
Quantity needed	Minimum: 1 (2D location) Typical: Sports field: 8 (3D location), Large retail store: 40 (2D location)
Compliance	

## Long-Range Quuppa Locator – LD-7L

Size & Weight	Length 400 mm, Width 380 mm, Thickness 59 mm, weight 3.8 kg
Connectivity	Ethernet
Operational temperature range	-20°...+60° C
Power	PoE (2W)
IP protection class	IP65, dust and jetting water immunity
Quantity needed	Minimum: 1 (2D location) Typical: Small sports field: 8 (3D location), Large sports field: 32 (3D location)
Compliance	