

List of devices and materials

1. Tags

Part	Amount	Price (Euro)	Link
RuuviTag	1 or 2 for each animal	~33.3-40	https://ruuvi.com/ruuvitag/
Battery for RuuviTag	1 for 1 tag for 1 year	~3	https://ruuvi.com/products/cr2477t-battery/
RuuviTag Development Kit	1	100	https://ruuvi.com/products/ruuvitag-development-kit/ https://ruuvi.com/products/business-starter-pack/

2. Receiving stations

Part	Amount	Price (Euro)	Link
Raspberry Pi 3 B+	3-10	30	
Raspberry Pi 4	3-10	60	
Micro SD >4Gb for Raspberry Pi	1 for 1 Raspberry Pi	10	
USB power supply for Raspberry Pi	1 for 1 Raspberry Pi	10	

3. Network

Part	Amount	Price (Euro)	Link
Router	1	50-100	

Examples for cost estimation

Barn with 100 cows

Barn with 20 cows