Name	Price (£)	Datasheet	Dimensions (cm)	Weight (g)	Interfaces	Drivers	Link
Raspberry Pi Zero 2 W	15				micro- USB CSI- camera connector		https:// srsltid=
Quectel EC25-E	28		3.2cm x 2.9cm x 0.2cm				https://
Raspberry Pi Camera Module v3	23						https://
USB-OTG adapter	2						https://
Antenna							
Micro SIM Card							

SIM requirements

https://www.4g.co.uk/4g-frequencies-uk-need-know/ https://4grouter.co.uk/4g-and-5g-frequencies-in-the-uk/

FREQUENCY	BAND	2G/3G/4G/5G	NETWORK
800MHz	Band 20	4G	Vodafone
900MHz	Band 8	2G & 3G	Vodafone
1400MHz	Band 32	4G	Vodafone
1800MHz	Band 3	2G	Vodafone
2100MHz	Band 1	3G	Vodafone
2600MHz	Band 7 & Band 38	4G	Vodafone
3500MHz	Band 42 / 5G NR Band n78	5G	Vodafone
800MHz	Band 20	4G	O2
900MHz	Band 8	2G & 3G	O2

FREQUENCY	BAND	2G/3G/4G/5G	NETWORK
1800MHz	Band 3	2G & 4G	O2
2100MHz	Band 1	3G & 4G	O2
2300Mhz	Band 40	4G	02
3500MHz	Band 42 / 5G NR Band n78	5G	O2
800MHz	Band 20	4G	EE
1800MHz	Band 3	3G & 4G	EE
2100MHz	Band 1	3G & 4G	EE
2600MHz	Band 7 & Band 38	4G	EE
3500MHz	Band 42 / 5G NR Band n78	5G	EE
800MHz	Band 20	4G	Three
1400MHz	Band 32	4G	Three
1800MHz	Band 3	4G	Three
2100MHz	Band 1	3G	Three
3500MHz	Band 42 / 5G NR Band n78	5G	Three

The Quectel EC25-E modem is compatible with Vodafone, O2, EE and Three networks.

	BAND	NETWORK
LTE-FDD	Band 1, Band 3, Band 5 Band 7, Band 8, Band 20	Vodafone - 1, 3, 7, 8, 20 O2 - 1, 3, 8, 20 EE - 1, 3, 7, 20 Three - 1, 3, 20
LTE-TDD	Band 38, Band 40, Band 41	Vodafone - 38 O2 - 40 EE - 38 Three -
WCDMA	Band 1, Band 5, Band 8	Vodafone - 1, 8 O2 - 1, 8 EE - 1 Three - 1
GSM/EDGE	Band 3, Band 8	Vodafone - 3, 8 O2 - 3, 8 EE - 3 Three - 3

Antenna requirements

For optimal performance, the antenna should:

- Support LTE Bands 1, 3, 5, 7, 8, 20, 38, and 40.
- Have wideband LTE coverage (698MHz–2700MHz or higher).
- Be designed for UK 4G networks.