

NB: prices checked Jan 2021, links are for information purposes only, equivalent products can be bought elsewhere.

This list is of the parts required to build your own: prebuilt cameras can be obtained from the Croatian Meteor Network, see link on github

I am not affiliated with the CMN.

Control Unit	Source	Cost
Raspberry pi 3 B+	Amazon	£35.00 https://tinyurl.com/y3sp34ra
Rpi PSU	Amazon	£8.99 https://tinyurl.com/y48oznad
Rpi case with fan	Amazon	£10.99 https://tinyurl.com/y6x5chhb
Aluminium heatsink		£0.00 included with above
RTC module (optional)	Amazon	£8.99 https://tinyurl.com/y4eqcw48
SanDisk SD 64GB EXTREME	Amazon	£17.38 https://tinyurl.com/y4czzjm7
Software	github	£0.00 https://github.com/CroatianMeteorNetwork/RMS
Config		£0.00
		£81.35
Camera unit		
Weatherproof enclosure + mounting	CCTV seller	£59.99 https://tinyurl.com/y3za7olh
Ultra-low-light IMX291 camera, 1280x720 25fps	Aliexpress	£32.98 https://tinyurl.com/y5q59wup
Ultra-low-light lens, 3.6mm f/0.95 90x45 fov		£0.00 included with above
2 x passive PoE connectors	Amazon	£7.49 https://tinyurl.com/y2pet5cd
12v PSU	Amazon	£12.99 https://tinyurl.com/y682sw6z
		£113.45
TOTAL COST		£194.80

Note: I have also tried a plastic dummy CCTV camera housing (£8 from amazon here <https://tinyurl.com/y6bfprlr>).

It works but you will need to do some DIY inside to fit the camera module and you must thoroughly seal the joints with bathroom sealant, and you will need to make a dew-heater otherwise it will fog up very quickly.