



Dimensions	2.63 x 3.68 x 1.06 in / 67 x 93.4 x 27 mm
Operating system	Hardened Raspbian OS on Linux kernel
Cloud video specifications	<p>H.264 encoding</p> <p>Other specifications vary depending on recording mode selected:</p> <p>SD</p> <ul style="list-style-type: none"> • Live and recorded video – uses substream, 640x360, 10fps, 200kbps • Mainstream left alone for recording to local DVR/NVR (if applicable) <p>HD</p> <ul style="list-style-type: none"> • Live video – uses substream, 640x360, 10fps, 200kbps • Recorded video – uses mainstream, 1080p, 10fps, 400-600kbps (local recording to the DVR/NVR will also be set to these specifications) <p>Up to 4K</p> <ul style="list-style-type: none"> • Live video – uses substream, 640x360, 10fps, 200kbps • Recorded video – uses mainstream, up to 4K (8MP), 10fps, 1800kbps, the 16:9 or 4:3 stream with the highest resolution will be selected (local recording to the DVR/NVR will also be set to these specifications)
Cloud video security	256bit encryption in transport and at rest
Processor	Broadcom BCM2837B0, Cortex-A53 64-bit SoC @ 1.4GHz
Memory	1GB LPDDR2 SDRAM
Connectivity	<ul style="list-style-type: none"> • 2.4GHz and 5GHz IEEE 802.11.b/g/n/ac wireless LAN, Bluetooth 4.2, BLE • Gigabit Ethernet over USB 2.0 (maximum throughput 300Mbps) • 4 x USB 2.0 ports
Access	Extended 40-pin GPIO header
Ports	<ul style="list-style-type: none"> • 1 x full size HDMI • MIPI DSI display port • MIPI CSI camera port • 4 pole stereo output and composite video port
Graphics	H.264, MPEG-4 decode (1080p30); H.264 encode (1080p30); OpenGL ES 1.1, 2.0 graphics
Removable media	Micro SD
Power	<ul style="list-style-type: none"> • 5V/2.5A DC via micro USB connector • 5V DC via GPIO header
Operating temperature	0–50°C / 32-122°F
Local storage	32GB USB drive - video will be stored to the USB drive if there is no network connection, then once the connection is restored the video will automatically transfer to our cloud.