

Technical Specifications

● Feature	Specification	Testing Standard
● Video Resolution	2K (2560×1296 @ 30fps)	IEC 62676-4
● Lens	160° FOV, f/1.6 aperture	ISO 12233
● Night Vision	30ft IR (850nm) with auto-switch	EN 62676-5
● Battery	3500mAh Li-ion (120h recording)	UN 38.3
● Weather Resistance	IP66 (dust/waterproof)	IEC 60529
● Operating Temp.	-20° C to 60° C (-4° F to 140° F)	MIL-STD-810G
● Motion Detection	10m range, AI human/vehicle filter	EN 50132-7
● Storage	MicroSD (max 512GB) + encrypted cloud	FIPS 140-2
● Connectivity	2.4GHz Wi-Fi (802.11 b/g/n)	FCC Part 15
● Dimensions	50×50×25mm (1.97×1.97×0.98in)	NIST HB 133
● Weight	68g (2.4oz)	ASTM D3332