

product	Product model	C296A
	Product SKU	1PC-296D8W-CN/US/EU/UK/AU
Camera	Pixels	8MP
	Sensor type	1/2.8" Progressive Scan CMOS
	Lens	Focal length 4.0mm aperture F1.0
	Viewing angle	Horizontal 90°
	Lens interface type	M12
	Light board	6 white light lamps
	Night vision mode	Full color night vision
	Fill light control mode	Three modes: automatic light on (automatically turns on/off the fill light according to the light intensity), forced light on or forced light off, timed light on/off (start and end time)
	Fill light brightness	Two modes: automatic adjustment, manual adjustment
	Light power	1W
	Light flux	140lm (lumens)
	Light color temperature	4500K
	PTZ	Horizontal rotation angle: 355°
		Vertical rotation angle: 140°
	Digital noise reduction	3D digital noise reduction
	Backlight compensation	Support
	High light suppression	Support
	Privacy shielding	Support 5 custom areas
	Sound and light alarm	Support
	Custom alarm voice	Support
	Two-way voice	Support
	Human tracking	Support
	One-button alarm	Support
AI Algorithms	Motion detection	Support
	Human detection	Support
	Vehicle detection	Support
	Region intrusion	Support
	Region leaving	Support
	No one detection	Support
	Travel detection	Support
	Wandering detection	Support
	Cloud AI	Support human/car/pet/package (overseas version only)
Interface/ buttons	Wired network port	Support
	Storage	Support Micro SD card (≤256G)/cloud storage/hard disk recorder
	Audio input	Built-in high-sensitivity microphone
	Audio output	Built-in speaker
	Buttons	Reset button
Compression Standard	Video compression standard	H.264/H.265 Main Profile
	Audio compression standard	G.711A
image	Maximum image size	3840x2160
	Frame rate	20fps
	Image settings	Support HD/SD; support mirroring
Wi-Fi Module	Wireless standard	/
	Frequency range	/

WIFI module	Channel bandwidth	/
	Antenna	/
4G module	4G network	/
Network Settings	Network distribution method	Wired connection
	Supported protocol	TCP/IP, HTTP, DHCP, DNS, MQTT, P2P, RTSP, onvif
General Specifications	Product material	Plastic housing + metal front housing
	Waterproof level	Waterproof IP66
	Operating temperature, humidity	-10℃~60℃, humidity less than 95% (no condensation)
	Power supply	POE IEEE 802.3af 48V DC13V
	Size (mm)	Wall mount: 160mm (length) x 140mm (width) x 240mm (height) Ceiling mount: 120mm (length) x 140mm (width) x 282mm (height)
	Weight (g)	0.61kg (bare metal)