Model	Model	C296B
	SKU	1NC-296
Camera	Resolution	5MP/8MP
	Lens	4mm@F2.0
	Lens Interface Type	M12
	Image Sensor	1/2.7″ Progressive Scan CMOS
	Lights	6pcs Infrared lights
		4pcs White light lights
	Viewing Angle	Horizontal 90°
	Rotation	Horizontal 355°
		Vertical 95°
	Infrared Wavelength	850nm
	Night Vision Distance	20m
	Illumination Threshold	Soft Light Sensitivity: Day to Night < 2Lux; Night to Day > 4Lux
	Day/Night Mode	ICR Infrared Filter
	Digital Noise Reduction	3D Digital Noise Reduction
	Backlight Compensation	Supported
	Strong Light Suppression	Supported
AI Algorithms	Motion Detection	Supported
	Human Detection	Supported
	Vehicle Detection	Supported
	Perimeter Detection	Intrusion Detection/Departure Detection/Absence
Interface/Button	Wired Network Port	Supported
	Storage	Micro SD card (≤256G)/cloud storage (for stand-alone use), HDD
	Audio Input	Built-in High-Sensitivity Microphone
	Audio Output	Built-in Speaker
	Button	Reset Button
Compression Standard	Video Compression Standard	H.265
	Audio Compression Standard	G.711A
Image	Maximum Image Size	2880*1620
	Image Bit Rate	2000kbps
	Frame Rate	15fps
	Image Settings	Brightness, contrast, saturation, and sharpness
	Privacy Masking	Supported
Wi-Fi Module	Wireless Standard	IEEE 802.1 1b/g/n/ax 1T1R
	Frequency Range	2.4 GHz
	Channel Bandwidth	20MHz
	Bluetooth	N/A
Network	Network Configuration	AP hotspot configuration
	Protocols	TCP/IP,HTTP,DHCP,DNS，MQTT，P2P，RTSP，onvif
	Voice Assistant	Alexa not supported
General	Material	Metal front cover + plastic housing
	Ingress Protection	IP66 Waterproof
	rating Temperature and Humi	-20° C to 60° C, humidity less than 95% (non-condensing)
	Power Supply	DC12V/1A

General	Dimensions (mm)	Wall mount: 160mm (L) x 140mm (W) x 240mm (H) Ceiling mount: 120mm (L) x 140mm (W) x 282mm (H)
	Weight (g)	610