



i-SMART VIS-ISMART503V2 AI IP Camera Owner's Manual

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VIS-ISMART503V2



AI IP Camera
One-stop solution provider

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Product features

Image Sensor	Sensor	1/2.8" color CMOS Sensor
	Lens	M12, f: 3.2 mm, F2.2, 3 megapixel
	Visual angle	H: (horizontal) 96°, V: (vertical) 56°, D: (diagonal) 128°
	Minimum illumination	0.01 Lux
Audio	Input / Output	Two-way voice intercom available (built-in microphone and speaker)
	Audio compressing method	AAC
Video	Video compressing method	H.264, H.265
	Lighting frequency	50 Hz, 60 Hz
	Image frame rate	15 fps
	Maximum image resolution	2304 x 1296 px
	Light source for night vision	Mid-power infrared lamp (850nm in wavelength) / dual-source white-light source with an irradiation distance of 7m
Network	Wireless network	2.4G Wi-Fi (IEEE802.11b/g/n), built-in antenna
	Protocols supported	TCP/IP, UDP/IP, DHCP, RTMP, MUDP
	IP address supported	Dynamic IP address supported
Pan-tilt	rotation angle	H: (horizontal) 355°, V: (vertical) 90°
Alarm notification	Alarm methods	Alarm push by mobile APP, white light flashing and alarm sound
AI	Intelligent features	Human contour detection, activity zone, vehicle detection, pet snapshot and package inspection
Wake-up	Wake-up methods	PIR body induction wake-up & remote wake-up
Video recording	Recording methods	Alarm triggered recording & manual recording
	Video storage	Local micro SD card (not included) & cloud storage
Indicator lamps	LED indicator	RGB tri-color lamp indicating the status of power / network signal / functionality
Battery	Capacity	9000 mAh
	Removability	Unremovable
	Battery life	8 months (provided that 20 10s videos are recorded per day, pan-tilt does not rotate)
	Standby time	2 years
	Charging voltage	DV 5 V +/- 5% 1.5 A
	Charge time	Within 15 hours
	Protection method	IP65 is dustproof and waterproof; over-current/over-discharge/over-charge/short circuit/charging protection at high & low temperatures

Power consumption	Standby	2.23 W (3.8V 588 mA)
	Daytime operation	1 W (3.8 V 264 mA)
	Night operation	1.68 mW (4 V 0.42 mA)
Interfaces	Power supply	1 micro USB interface
	SD card slot	1 micro SD card slot (up to 128GB supported, SD card not included)
	Keys	1 reboot key & 1 on/off key
Installation method	Installation method	Ceiling or wall hanging
Environment	Dustproof & waterproof	IP65
	Operating environment	Minus 10° ~ 45° C
	Storage environment	Minus 20° ~ 60° C
Specifications	Size (L*W*H)	81.3 mm * 119.2 mm * 80.6 mm
	Net weight	500 g
	Gross Weight	600 g
	Material + process	ABS + PC
	Color	White with high gloss
Certifications	Certificate	CE, FCC, RoHS, WEEE, MSDS, UN38.3



VicoHome:
Security Camera
App



Documents / Resources

	<p>i-SMART VIS-ISMART503V2 AI IP Camera [pdf] Owner's Manual VIS-ISMART503V2 AI IP Camera, VIS-ISMART503V2, AI IP Camera, IP Camera, Camera</p>
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