spark
Italian inSight

Nitida Series

NITIDA 4K | 5K | 20MP

Top-sight series are high performance real-time camera providing superior image quality, suited for covering large spaces and capturing every detail. Nitida is the first of its kind to deliver 20MP @ 25fps.

▶ **Box Camera**

▶ **Micro Four Thirds Lens Mount**

▶ **Video Analytics**

▶ **Dual MicroSD Card Slot & USB Port For External HDD**

▶ **ONVIF Compliant**

Specifications

		NITIDA 4K ▶ SR-C-U9-NITIDA-M	NITIDA 5K ▶ SR-C-U16-NITIDA-M	NITIDA 20MP ▶ SR-C-U20-NITIDA-M
Camera	Image Sensor	Sony Exmor R CMOS Rolling Shutter Type 1		
	Lens	Micro Four Thirds lens mount		
	FOV	Depends on lens		
	Day/Night	Automatically removable infrared-cut filter, light sensor		
	Min. Illumination	0.01Lux (Color) 0.01Lux (B/W)		
	IR Illuminators	350m effective range (with SR-O-H002 IR illuminator)		
	Shutter Speed	1/2 ~ 1/20000s		
Video	Video Compression	H.265, H.264, MJPEG		
	Resolution	4096×2160	5376×3024	5472x3648
	Frame Rate	Up to 25fps		
	WDR	100dB		
	Image Settings	2D/3D denoise, Brightness, Contrast, Sharpness, White balance, Saturation, Low light custom settings, Privacy mask, Defog, ROI, Text Overlay, Rotation: mirror, flip, mirror flip		
Audio	Audio Compression	G.711, G.726, AAC		
	Audio Streaming	Two-way audio, full duplex		
	Audio Interface	3.5mm jack for mic., line input, line output		
Network	Security	Password protection, HTTPS encryption, digest authentication, dual boot, IP filtering, lock on login fails		
	Protocols	IPv4, IPv6, DHCP, DNS, DDNS, NTP, UPnP, Bonjour, Ping, SMB/CIFS, NFS, HTTP, HTTPS, RTP, RTSP, TCP, UDP, SSH		
System Integration	Analytics	Motion detection, Audio detection, AI Intrusion, AI Loitering, AI Tripwire, AI In/Out Count, AI Heatmap, AI People Density		
	Event Triggers	Analytics event, I/O alarms, periodical events, network link down		
	Event Actions	HTTP/HTTPS, video recording, snapshot, I/O notification		
	Applications	Argo Video Management System, Spark Installer Mobile APP		
	Interoperability	Onvif Profile S, T		

Specifications

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General	Dimensions	145x91x76mm		
	Weight	0.9kg (without lens)		
	Housing	Diecast aluminium		
	Ingress Protection	IP68 (with SR-O-H001 outdoor enclosure)		
	Impact Protection	IK10 (with SR-O-H001 outdoor enclosure)		
	Certifications	CE, FCC		
	Edge Storage	Dual MicroSD/SDHC/SDXC card slot (256GB), USB port 3.0 for HDD (10TB)		
	Alarm I/O	2/1		
	RS485	Yes		
	Network	RJ45 100/1000		
	Power Consumption	Max: 30W (with SSD Device), Max: 15W (without SSD Device), Average: 6W		
	Power	PoE IEEE 802.3at, 12V DC, 24V AC, Terminal block		
	Operating Temperature	-10°C ~ 50°C		

Accessories (optional)	Outdoor housing	SR-O-H001 Enclosure and SR-O-H004 bracket. IP68, IK10, Built-in fan and heater.
	IR illuminators	SR-O-H002 IR illuminator 350m effective range, to use with SR-O-H001 enclosure.
	Junction box	SR-O-H003 Junction box. IP67, IK10, input 115/230VAC, output 24VAC 6A.
	Pole mount adapter	SR-O-H005 Pole mount adapter, to use with SR-O-H003 or SR-O-H004.
	Fixed bracket	SR-O-0107 Indoor metal fixed 130mm wall/ceiling bracket.
	Adjustable bracket	SR-O-0108 Indoor metal adaptable 300-470mm wall/ceiling bracket.

Outline Dimensions

Unit: mm

91

76,4

145

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