NITIDA 2.0
Top-Sight

NITIDA 2.0 is the high performance camera delivering superior image quality of up to 20 megapixels **high resolution** and real-time 25 frame per seconds. Equipped with Micro Four Thirds lens mount, the camera offers the flexibility to change the lens according to each individual need. NITIDA supports **Smart Codec,** which significantly reduces bandwidth and storage requirements while preserving the important details. The camera provides superb images even from long distances, ideal for surveillance of large areas and open spaces.

Cameras features

Camera type	NITIDA 20000
Product code	SR-C-U20-NITIDA-M
Image sensor	Exmor R™ CMOS Progressive Scan 1"
Lens	Micro Four Thirds mount lens
Min. illumination	0.01Lux @ F1.4 (Color) 0.001Lux @ F1.4 (B/W)
Electronic shutter	1–1/30000s
Day & Night	Removeable IR cut filter, Light sensor

Video

Video compression	H.265, H.264, MJPEG
Resolution	Up to 5472x3640
Frame rate	Up to 25 fps
Bitrate Video	1Mbps–60Mbps
WDR	100 dB
Streaming protocol	RTP/HTTP, RTP/TCP, RTP/UDP, Unicast, Multicast, RTSP
Streaming mode	Multiple streaming connections, Thumbnails/video profiles supported for quality and bandwidth configuration
Image settings	3D denoise, Brightness, Contrast, Sharpness, White balance, Saturation, Privacy mask, Defog, ROI, Text and Image Overlay, Rotation: mirror, flip, mirrro flip, flip, mirror flip

Audio

Audio	Two-way full duplex
Audio compression	G.711, AMR, G.726
Audio connectors	Line input, line output, Mic. in 3.5mm jack

Network

Security	Password protection, HTTPS encryption
Network protocols	IPv4, IPv6, Bonjour, TCP/ IP, DHCP, DNS, DynDNS, PPPoE, ARP, ICMP, FTP, SMTP, NTP, UPnP, RTSP, RTP, RTCP, HTTP, HTTPS, SSL, TCP, UDP, QoS, SSH, CIFS/SMB

System integration

Analytics	Perimeter detection, face detection
Event triggers	Alarm input, network link down, periodical, motion detection
Event actions	File upload: ftp, sftp, http, https, network share and email
Built-in installation	Auxiliary wifi connection configuration (device mode)
Data streaming	Video stream, event data

Standard Features

Dimension	145x73.2mm
Weight	900g *without lens
Housing	Diecast Aluminium
Ingress protection	-
Impact resistant	-
Electromagnetic protection	EMC
Edge storage	Dual MicroSD/SDHC/SDXC up to 1TB Single External HDD USB interface
Connectors	1000 Base TX RJ45 PoE Terminal block USB 3.0
I/O	2 input, 1 output, Day & Night external trigger, RS485
Power	PoE IEEE802.3at/af, 12V DC, 24V AC, Terminal Block
Operating temperature	-10°C–50°C
Language	Italian, English | more language packs on request