



# 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-M43-DN                          |
| Image sensor       | Exmor R™ CMOS Progressive Scan 1"               |
| Lens               | Micro Four Thirds mount lens                    |
| Min. illumination  | 0.01Lux @ F1.4 (Color)<br>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, mirro 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<br>*without lens   |
| Housing                    | Diecast Aluminium   |
| Ingress protection         | -   |
| Impact resistant           | -   |
| Electromagnetic protection | EMC   |
| Edge storage               | Dual MicroSD/SDHC/SDXC up to 1TB<br>Single External HDD USB interface |
| Connectors                 | 1000 Base TX RJ45 PoE<br>Terminal block<br>USB 3.0                    |
| I/O                        | 2 input, 1 output,<br>Day & Night external trigger,<br>RS485          |
| Power                      | PoE IEEE802.3at/af,<br>12V DC, 24V AC,<br>Terminal Block              |
| Operating temperature      | -10°C–50°C  |
| Language                   | Italian, English   more language packs on request                     |

