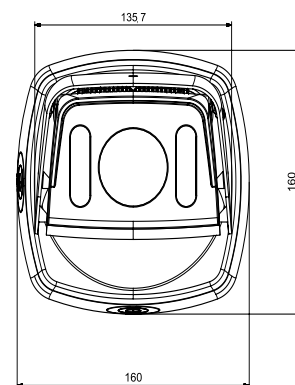
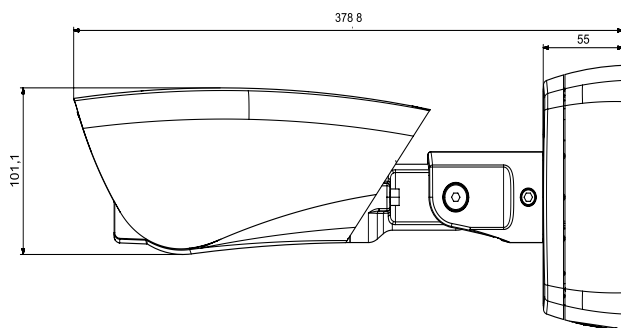


Kiara Series



KIARA, the new line of Bullet IP cameras designed and developed entirely in Italy by Spark, combines modern, functional design and technical features for multiple applications, all in a robust casing. The cameras in the KIARA series come with 2 and 5 megapixel sensors, with high sensitivity in low lighting conditions and with an extremely high frame rate.



Cameras features

| | | |
|---------------------------|---|--|
| Camera type | KIARA 2000 SMART | KIARA 5000 SMART |
| Product code | SR-C-S2-KIARA | SR-C-S5-KIARA |
| Image sensor | CMOS progressive Scan 1/2,8" | CMOS progressive Scan 1/1,8" |
| Electronic shutter | 1/30(1/25)s – 1/30000s | |
| Min. illumination | 0.001Lux @ F1.4 (Color) 0.0001Lux @ F1.4 (B/W) | 0.05Lux @ F1.5 (Color) 0.0005Lux @ F1.5 (B/W) |

Lens

| | KIARA 2000 smart | KIARA 5000 smart |
|---------------|--|---|
| Wide | 2,8-12mm F1.4 - optical FOV: 33°-104° VARIANT CODE: -V12 | 3,6-10mm F1.5 - optical FOV: 38°-85° VARIANT CODE: -V10 |
| | Varifocal, Autofocus, Remote focus and zoom, P-Iris control, IR corrected | |
| Narrow | 7-22mm F1.4 - optical FOV: 14°-43° Varifocal, Autofocus, Remote focus and zoom, P-Iris control, IR corrected VARIANT CODE:-V22 | |

Day & Night

| | |
|-----------------------|---|
| Night infrared | IR corrected, IR cut filter removable, IR illuminator adaptive (up to 50 mt), VARIANT CODE: -IR |
| Night color | Dual light illuminator (IR +White light) VARIANT CODE: -WL * * in preparation |

Video

| | KIARA 2000 smart | KIARA 5000 smart |
|---------------------------|---|------------------|
| Video compression | H.265,H.264 high profile (MPEG-4 Part 10/AVC) Motion JPEG | |
| Resolution | Up to 1920x1080 | Up to 2560x1920 |
| Frame rate | Up to 60 fps (WDR off) Up to 30 fps (WDR on) | Up to 30 fps |
| Bitrate Video | 256Kbps - 10Mbps | |
| WDR | 120 dB | 100 dB |
| Streaming protocol | Unicast, RTSP | |
| Streaming mode | More 'video streams individually configurable frame rate and wide bandwidth controllable | |
| Image settings | 3D Denoise, Brightness, Color, Compression, Defog, Exposure control, Exposure zones, Flip, Manual shutter time, Mirroring of images Rotation: 90, 180, 270, Privacy masks ROI, Sharpness, Text and image overlay, White balance | |

Network

| | |
|--------------------------|--|
| Security | Password protection , HTTPS encryption |
| Network protocols | ARP, DHCP, DNS, FTP, HTTP, HTTPS, ICMP, IPv4, IPv6, NTP, ONVIF Profile S, RTCP, RTSP, SMTP, TCP, UDP, DYNDNS |

Audio

| | |
|--------------------------|--------------------------------|
| Audio | Two-way full duplex |
| Audio compression | G.711 U law, a law, g.726, Amr |
| Audio connectors | Line input, line output |

System integration

| | |
|------------------------------|--|
| Analytics | Detecting moving objects, audio detection, |
| Event triggers | Detecting moving objects, audio detection, link loss of network, event planning |
| Event actions | File upload: ftp, sftp, http, https network share and email Notification: email, http, https and tcp and snmp trap external output activation |
| Built-in installation | Remote zoom, remote focus, auxiliary wifi connection configuration (device mode) |
| Mobile App | Android, IOS (in preparation) |
| Data streaming | Video stream, event data |

Standard Features

| | |
|--------------------------------|---|
| Dimension | 379x101x136 mm |
| Weight | 2.5 Kg |
| Housing | Diecast aluminium, Plastic, Polycarbonate |
| Impact resistant | IK10 |
| Ingress protection | IP66 |
| Anti condensation valve | GORETEX® |
| Memory | RAM 512MBytes ,Flash 32Mbytes |
| Network connector | 10/100 RJ45 PoE |
| I/O | 2 optocoupled input (3KV), 1 relè output (24Vdc 2A) |
| Power | PoE IEEE 802.3af max. 12,9W, PoE IEEE802.3at max. 25W, 12Vdc 25W |
| Serial connector | RS485 Half duplex |
| Power connector | Terminal Block |
| Operating temperature | -40°C, +60°C IR illuminator turn off if temperature is 45° or higher |
| Storage temperature | -10°C, +70°C |
| Approvals | EN 55032 (2015-07) EN 55024 (2010-11) +A1 (2013) EN 50130-4 (2011-06) + A1 (2014) |
| Language | Italian, English more language packs on request |

UNICA

| | |
|----------------------------|---------------------------------|
| Edge storage | MicroSD/SDHC up to 128GB |
| Event actions | Video recording to edge storage |
| Installation method | SPARK fastlock |
| System recovery | Embedded EEPROM |
| Wall mount | UNICA |



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SPARK
VIA ANTONIO GRAMSCI, 86/A
42124 REGGIO EMILIA
P. +39.0522.1715150
F. +39.0522.1715151

P. IVA/C.F. 02542850355
R.E.A. di RE n. 291049

www.spark-security.com
info@spark-security.com