

CATALOGUE

IP VIDEO SURVEILLANCE
2026





CONTE

- > **12** SMART WI-FI CAMERAS
- > **16** SMART DETERRENCE CAMERAS
- > **20** SENTINEL CAMERAS
- > **24** FUSION X CAMERAS
- > **28** NVR EDGE
- > **32** ACCESSORIES/MOUNTING DIAGRAMS
- > **42** ALPHABETICAL INDEX
- > **44** SALES ORGANISATION

PRO**IP VIDEO SURVEILLANCE**

- > 12 SMART WI-FI CAMERAS**
The Wi-Fi camera range is designed for applications in the residential segment and Small Business.



- > 16 SMART DETERRENCE CAMERAS**
Smart Deterrence cameras support a resolution up to 5 Megapixels, ensuring sharp, detailed images.



- > 20 SENTINEL CAMERAS**
The Sentinel range combines high performance, robustness and ease of integration, making it ideal for residential, commercial and Small Business applications.



- > 24 FUSION X CAMERAS**
Fusion X thermal solutions provide continuous, reliable and proactive monitoring, improving operational safety and reducing the risk of critical events.



- > 28 NVR EDGE**
The professional NVR range is designed for applications for scalable video surveillance, suitable for small, medium and large installations.



- > 32 ACCESSORIES/MOUNTING DIAGRAMS**
The wide range of accessories makes it possible to complete any video surveillance installation, from residential settings to the most advanced professional applications, offering a complete and coordinated solution for every installation need.

ELKRON, THE KEY TO SECURITY.

Elkron is an Italian company founded in 1974, with deep roots in the security sector, recognised as one of the leading manufacturers of intrusion and fire alarm systems featuring advanced technology and a strong commitment to innovation.

A history spanning more than 50 years, told by the figures: 14 quality marks, 21 registered patents, more than 26 million products installed and an international presence in over 30 countries. It was also the first company in Italy to apply microwave technology to sensors and to patent the tri-functional hemispherical dome lens, helping drive dual technology combining infrared and microwave detection.

Intrusion, fire protection, video surveillance and home automation: a range of solutions that have evolved and consolidated over time, with certified products complying with international quality standards for residential, commercial and industrial installations. All Elkron product families meet one essential requirement: combining advanced technology with ease of use, both for those who install them (installers) and those who use them (end users).

In recent years, the Turin-based company's R&D has focused on broader integration across its systems, to ensure high protection standards and new levels of comfort through smart-living functions.

Elkron's offering has therefore expanded with applications and configuration tools that enable installed products to be remotely controlled by specialised professionals and end users. Cloud services, configurators and apps make life for Elkron customers simpler and safer.

Elkron is committed to providing customers with continuous, highly professional support, through dedicated customer care, local service centres and a complete training and update programme.

SERVICES FOR OUR CUSTOMERS



Consulting on
system projects
intrusion
fire protection
video surveillance



Information
technical on
products



Commissioning
assisted



Online support
for installation
and set-up of
products

CONTINUOUS SUPPORT FOR INSTALLERS

TECHNICAL SERVICE CENTRES

Elkron is committed to providing customers with continuous and highly professional support through dedicated customer care and local service centres sul territorio and a complete training and update programme.

TRAINING AND UPDATES

- Product support and technical information
- Diagrams and technical documentation
- Consulting on the different systems
- Online support for installation and product set-up
- Consulting on Fire, Security and Video Surveillance projects and compliance with industry standards (for design firms)
- Sales information

SALES NETWORK

Elkron, a long-established security brand, has deep roots throughout Italy. Customer proximity is ensured by an extensive sales network, with sales offices, representative agencies and technical service centres, providing at any time support and detailed documentation on all security solutions.





VIDEO RANGE FULL IP

The new range has been designed for the specialist distribution channel with the aim of offering simple, reliable video surveillance solutions that can be integrated immediately into modern security systems. This range is a strategic step towards completing the Elkron offering in the Security segment, expanding the portfolio with practical, intuitive solutions tailored to the needs of installers and industry professionals.

IP VIDEO SURVEILLANCE

PROFESSIONAL SOLUTIONS FOR EVERY ENVIRONMENT

In video surveillance, seeing clearly is not optional - it is everything.

Elkron responds to a real need: to provide systems **that are reliable, scalable and designed for the real challenges of every professional environment.**

This catalogue presents a complete range of cameras, NVRs and accessories for residential and commercial environments, developed through continuous research **into technology, design and ease of installation.**

From protecting a small shop to managing complex infrastructures, Elkron supports professionals in every choice - with ready-to-use solutions and technical support that is always available.

SEEING IS NOT ENOUGH. UNDERSTANDING MAKES THE DIFFERENCE.

Elkron cameras do more than record: they process images in real time, turning every image into concrete information that can be used immediately. usable.

Video analytics functions are organised into four categories, designed to meet the day-to-day needs of shops, offices and small businesses.

✓ **Behavioural**

Detects abnormal situations, suspicious movements and unauthorised access.

✓ **Analytics**

Identifies objects, vehicles and specific situations in the scene.

✓ **Statistics**

Counts, measures and monitors flows to support operational decisions.

✓ **Safety**

For monitoring ambient temperatures and reporting fire risks in real time.



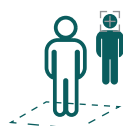
IP VIDEO SURVEILLANCE

BEHAVIOURAL AI



✓ Human/Vehicle Classification

Distinguishes vehicles from people moving through a predefined area.



✓ Intrusion - Region entrance/exit

Automatically detects entry or exit of a target in a specific image area.



✓ Tripwire

Defines a line in the camera view. If this “boundary” is crossed in the configured direction, an alarm is triggered.



✓ Video Tampering

Detects lens obstruction during recording.



✓ Object Abandon

Automatically detects changes in the presence of an object within a predefined area. An alarm is generated if something is left in the defined area.



✓ Object Lost

Automatically detects a change in the presence of an object within a predefined area. If an object is removed from the configured area, an alarm is triggered.



✓ Queue Length detection

Detects the presence of a queue.



✓ Crowd

Detects when a defined threshold is exceeded for the number of people in a preconfigured area and triggers an alarm when necessary.

IP VIDEO SURVEILLANCE

AI ANALYTICS



✓ Face Detection/Recognition

Detects the faces of people passing through a predefined area.
Recognises faces by matching them to a list in the database.



✓ License Plate Detection/Recognition

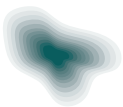
Detects a vehicle number plate and can recognise it
and add the plate number to a database.



✓ Rare Sound Detection

Allows the camera to detect specific background sounds:
a barking dog, a crying baby and/or a gunshot
(microphone required).

AI STATISTICS



✓ Heatmap

A colour scale highlights the areas
where people are most concentrated.



✓ Cross Counting

Monitors traffic by counting vehicles and people.



✓ Temperature Alarm

Detects the temperature within one or more areas and generates
an alarm when a predefined threshold is exceeded.



✓ Fire Detection

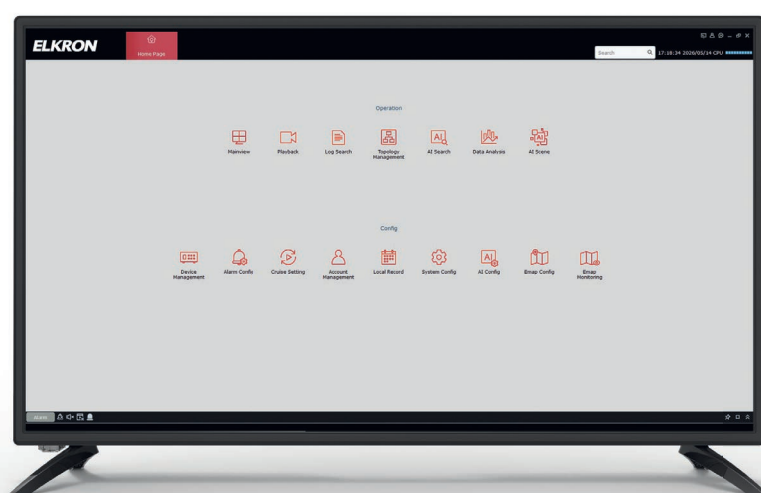
Detects the early stages of a fire.

IP VIDEO SURVEILLANCE

APPLICATIONS

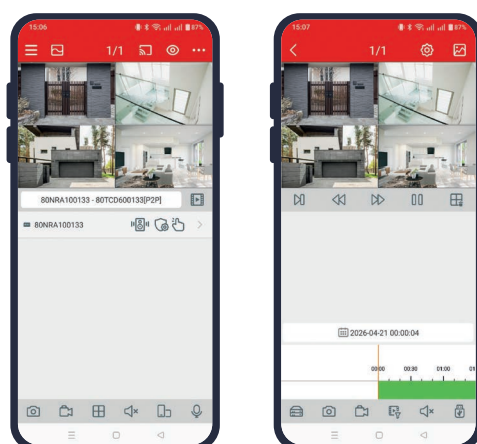
New Elkron Manager software

Elkron Manager is specifically designed for video management and centralisation of medium-to-large CCTV systems. Elkron Manager is client software that can manage/monitor the entire system either in live view with up to 128 video streams in a single multiscreen grid from different systems, or through interactive graphic maps.



New Elkron View App - professional management

The App allows remote configuration of the main device parameters for NVRs and IP cameras, and management and use of all video analytics functions.



COMPATIBLE WITH:



My Elkron Key
The following basic functions are supported







CAMERAS

SMART WI-FI

The Wi-Fi camera range is designed for applications in the residential segment and Small Business, with a strong focus on ease of installation, immediate configuration and a competitive price/performance ratio competitive.

Available solutions include advanced functions such as:

- Wi-Fi connection and App management;
- IR night vision;
- motion and human presence detection;
- two-way audio;
- recording to micro SD, NVR and personal Cloud (event snapshots only).

IP VIDEO SURVEILLANCE

SMART WI-FI CAMERAS



CODE	80TCA100133
RESOLUTION	4MP (2560x1440)
RECORDING FPS	Mainstream: 2560x1440@15fps, Max 25fps Substream: 1280x720@15fps, Max 25fps
LENS	Fixed 2.8 mm
FIELD OF VIEW	Horizontal: 96° Vertical: 52° Diagonal: 113°
PAN/TILT ADJUSTMENT	3 axes
SENSOR	1/3"
VIDEO COMPRESSION	H.265/H.264
DISTANCE OF ILLUMINATION (M)	~ 20 m
SUPPLEMENTARY LIGHTS	White light (20m) and deterrence light (red/blue) preset, switchable infrared light
SENSITIVITY (LUX)	Color 0.06lux @ F1.6(AGC ON); B/W 0 lux @ IR ON
WDR	D-WDR
DAY & NIGHT	Mechanical filter with auto switch
AUDIO IN/OUT	Integrated microphone/integrated speaker
ALARM IN/OUT	-
VIDEO ANALYTICS	Pedestrian & Vehicle, Line Crossing, Intrusion, Region Entrance, Region Exit, Sound Detection, Motion detection (Human/Vehicle/Animal)
WI-FI	Dual antenna Radio standard: • WiFi 2.4GHz - 802.11b/g/n20/n4
LTE (4G)	-
SD CARD SLOT	YES (max 1TB)
POWER SUPPLY	12 VDC
MAX. CURRENT	1A
IP PROTECTION RATING	IP66
OPERATING CONDITIONS	-30 °C ~ +55 °C, <90%RH
DIMENSIONS (W x H x D)	Ø 71 x 145 mm

IP VIDEO SURVEILLANCE

SMART WI-FI CAMERAS



CODE	80TCA200133	80TCA300133
RESOLUTION	4MP (2560x1440)	5MP (2880x1620)
RECORDING FPS	Mainstream: 2560x1440@15fps, Max 25fps Substream: 1280x720@15fps, Max 25fps	Mainstream: 2880x1620@15fps, Max 20fps Substream: 1280x720@15fps, Max 20fps
LENS	Fixed 2.8 mm	
FIELD OF VIEW	Horizontal: 96° Vertical: 52° Diagonal: 113°	Horizontal: 110° Vertical: 58.1° Diagonal: 133.5°
PAN/TILT ADJUSTMENT	3 axes	P/T motorizzato
SENSOR	1/3"	1/2.7"
VIDEO COMPRESSION	H.265/H.264	
DISTANCE OF ILLUMINATION (M)	~ 15 m	~ 10 m
SUPPLEMENTARY LIGHTS	-	White light (10m), switchable infrared light
SENSITIVITY (LUX)	Color 0.06lux @ F1.6(AGC ON); B/W 0 lux @ IR ON	Color 0.001lux @ F2.0(AGC ON); B/W 0 lux @ IR ON
WDR	D-WDR	
DAY & NIGHT	Mechanical filter with auto switch	
AUDIO IN/OUT	Integrated microphone/integrated speaker	
ALARM IN/OUT	-	
VIDEO ANALYTICS	Pedestrian & Vehicle, Line Crossing, Intrusion, Region Entrance, Region Exit, Sound Detection, Motion detection (Human/Vehicle/Animal)	
WI-FI	Single antenna Radio standard: • Wi-Fi 2.4Ghz@802.11b/g/n20 • Wi-Fi 5Ghz@802.11a/n20	Single antenna Radio standard: • Wi-Fi 2.4Ghz@802.11b/g/n20/n40/ax20/ax40 • Wi-Fi 5Ghz@802.11a/n20/n40/ac20/ax20/ax40 • Bluetooth @ BLE5.4
LTE (4G)	-	
SD CARD SLOT	YES (max 1TB)	
POWER SUPPLY	Type-C, DC 5V	Type-C, DC 5V
MAX. CURRENT	1A	1,5A
IP PROTECTION RATING	-	
OPERATING CONDITIONS	-10 °C ~ +40 °C, <90%RH	-10 °C ~ +45 °C, <90%RH
DIMENSIONS (W x H x D)	69 x 101 x 87 mm	Ø 76.21 x 114,53 mm





CAMERAS SMART DETERRENCE

The cameras support a resolution up to 5 Megapixels, providing images sharp and detailed, making them suitable for any operating environment

They are equipped with:

- IR LEDs for traditional night vision;
- white-light LEDs for Full Color mode, which provides colour images even in low-light conditions;
- integrated siren and light signalling for effective deterrence.

IP VIDEO SURVEILLANCE

SMART DETERRENCE CAMERAS



CODE	80TCB100133	80TCD100133
RESOLUTION	4MP 2560(H)×1440 (V)	
RECORDING FPS	50Hz: 25fps@/4MP - 60Hz: 30fps@4MP	
LENS	Fixed 2.8 mm	
FIELD OF VIEW	Horizontal: 95° Vertical: 51° Diagonal: 112°	
PAN/TILT ADJUSTMENT	3 axes	
SENSOR	1/3"	
VIDEO COMPRESSION	H.265 / H.264	
IMAGE MANAGEMENT	Full Color, Day&Night, Smart illumination	
IR LED CONTROL	Smart IR, Manuale, OFF	
DETERRENCE	YES (LED Deterrenza e LED bianchi)	
DISTANCE DI ILLUMINAZIONE IR (M)	~ 25m	
DISTANCE DI ILLUMINAZIONE VISIBLE LIGHT (M)	~ 20m	
SENSITIVITY (LUX)	Color 0.002 Lux @ F1.0 AGC ON ; B/W 0 lux @ IR ON	
VIDEO FUNCTIONS	Alarm-event images on Dropbox Cloud	
EVENT NOTIFICATIONS	Mobile App, e-mail, HTTP(S) server POST methods Dedicated multi-URL GET for each AI event	
WDR	DWDR	
DAY & NIGHT	Mechanical filter with auto switch	
AUDIO IN/OUT	Integrated microphone and speaker	
ALARM IN/OUT	n/a	
VIDEO ANALYTICS	Human & Vehicle detection, Line Crossing, Intrusion, Region Entrance, Region Exit, Sound Detection, Motion detection (Human/Vehicle)	
SD CARD SLOT	Micro SD slot, max. 256 GB	
POWER SUPPLY	12 VDC ± 10%, PoE (IEEE802.3af)	
MAX. POWER CONSUMPTION (W)	DC12V: max 7 W POE (48V): max 8.3W	
IP-IK PROTECTION RATING	IP67	
ONVIF	ONVIF (Profile S/G/T)	
OPERATING CONDITIONS	-35 °C ~ 60 °C Humidity 95% or less (non-condensing)	
DIMENSIONS (W x H x D or Ø x H)	100 x 100 x 90 mm	Ø70,1 x 152,3 mm

IP VIDEO SURVEILLANCE

SMART DETERRENCE CAMERAS



CODE	80TCD600133	80TCB200133	80TCD500133
RESOLUTION	5MP 2880(H)×1620(V)		
RECORDING FPS	50Hz: 25fps@5MP/4MP/3MP/2MP/960P/720P/VGA/QVGA 60Hz: 30fps@5MP/4MP/3MP/2MP/720P/VGA/QVGA		
LENS	Fixed 2.8 mm	Motorised 2.8 ~ 12 mm	
FIELD OF VIEW	Horizontal: 110° Vertical: 58° Diagonal: 132°	Horizontal: 35 ~113° Vertical: 20 ~ 59° Diagonal: 41 ~ 138°	
PAN/TILT ADJUSTMENT	3 axes		
SENSOR	1/2,7"		
VIDEO COMPRESSION	H.265 / H.264	H.265+ / H.264+ / H.265 / H.264/ MJPG (SubStream only)	
IMAGE MANAGEMENT	Full Color, Day&Night, Smart illumination		
IR LED CONTROL	Smart IR, Manuale, OFF		
DETERRENCE	YES (LED Deterrenza e LED bianchi)		
DISTANCE DI ILLUMINAZIONE IR (M)	~ 20m	~ 30m	~ 25m
DISTANCE DI ILLUMINAZIONE VISIBLE LIGHT (M)	~ 20m	~ 25m	~ 20m
SENSITIVITY (LUX)	Color 0.002 Lux @ F1.0 AGC ON ; B/W 0 lux @ IR ON		
VIDEO FUNCTIONS	Upload alarm-event images to FTP server Alarm-event images on Dropbox Cloud		
EVENT NOTIFICATIONS	Mobile App, e-mail, HTTP(S) server POST methods Dedicated multi-URL GET for each AI event		
WDR	120 dB		
DAY & NIGHT	Mechanical filter with auto switch		
AUDIO IN/OUT	Integrated microphone and speaker		
ALARM IN/OUT	n/a		
VIDEO ANALYTICS	Face Recognition (con NVR), Face Detection, Human & Vehicle, Line Crossing, Object Detection (Abandoned/Removed), Cross Counting, Heat Map, Crowd Density, Queue Length, License Plate, Rare Sound, Intrusion, Region Entrance, Region Exit, Sound Detection, Video Tampering, Motion (Pedestrian/Vehicle)		
SD CARD SLOT	Micro SD slot, max. 256 GB		
POWER SUPPLY	12 VDC ± 10%, PoE (IEEE802.3af)		
MAX. POWER CONSUMPTION (W)	DC12V: max 6.3W POE (48V): max 7.6W	2.3W(D) / 7.8W(N) / 11.3W (Max)	2.9W (D) / 5.4W (N) / 7.5W (Max)
IP-IK PROTECTION RATING	IP67		
ONVIF	ONVIF (Profile S/G/T/M)		
OPERATING CONDITIONS	-35 °C ~ 60 °C Humidity 95% or less (non-condensing)		
DIMENSIONS (W x H x D or Ø x H)	Ø135 x XXX mm	241 x 90 x 86 mm	Ø135 x 120 mm





CAMERAS SENTINEL

The 4MP Day&Night cameras provide reliable performance 24 hours a day, delivering sharp images at 4 Megapixel in any lighting condition. Integrated Video Analytics with automatic classification of people and vehicles reduces false alarms and optimises il monitoraggio. La certificazione IP67 assicura piena affidabilità in ambienti and outdoor environments, even in adverse weather conditions.

Ideal for residential, commercial and Small Business installations. The range combines high performance, robustness and ease of integration.

IP VIDEO SURVEILLANCE

SENTINEL CAMERAS



CODE	80TCB500133	80TCD200133
RESOLUTION	4MP 2560(H)×1440(V)	
RECORDING FPS	50Hz: 25fps@/4MP - 60Hz: 30fps@4MP	
LENS	Fixed 2.8 mm	
FIELD OF VIEW	Horizontal: 96° Vertical: 52° Diagonal: 113°	
PAN/TILT ADJUSTMENT	3 axes	
SENSOR	1/3"	
VIDEO COMPRESSION	H.265 / H.264	
IMAGE MANAGEMENT	Day&Night	
IR LED CONTROL	Smart IR, Manuale	
DETERRENCE	n/a	
DISTANCE DI ILLUMINAZIONE IR (M)	~ 30m	
SENSITIVITY (LUX)	Color 0.006 lux @ F1.8 (AGC ON) ; B/W 0 lux @ IR ON	
VIDEO FUNCTIONS	Alarm-event images on Dropbox Cloud	
EVENT NOTIFICATIONS	Mobile App, e-mail, HTTP(S) server POST methods - GET Multi-URL dedicated to each AI event	
WDR	DWDR	
DAY & NIGHT	Mechanical filter with auto switch	
AUDIO IN/OUT	Integrated microphone	
ALARM IN/OUT	n/a	
VIDEO ANALYTICS	Human & Vehicle detection, Line Crossing, Intrusion, Region Entrance, Region Exit, Sound Detection, Motion detection (Human/Vehicle/Animal)	
SD CARD SLOT	Micro SD slot, max. 256 GB	
POWER SUPPLY	12 VDC ± 10%, PoE (IEEE802.3af)	
MAX. POWER CONSUMPTION (W)	3.5W-5W(D) / 2W-3W(N)	
IP-IK PROTECTION RATING	IP67	
ONVIF	ONVIF (Profile S/G/T)	
OPERATING CONDITIONS	-30 °C ~ 60 °C Humidity 95% or less (non-condensing)	
DIMENSIONS (W x H x D or Ø x H)	152 x 70,1 mm	Ø100 x 90 mm

IP VIDEO SURVEILLANCE

SENTINEL CAMERAS



CODE	80TCB600133	80TCD300133	80TCD400133
RESOLUTION	4MP 2560(H)×1440(V)		
RECORDING FPS	50Hz: 25fps@/4MP - 60Hz: 30fps@4MP		
LENS	Motorised 2.8 ~ 12 mm		
FIELD OF VIEW	Horizontal: 91 ~ 31° Vertical: 48 ~ 17° Diagonal: 109 ~ 35°		
PAN/TILT ADJUSTMENT	3 axes		
SENSOR	1/3"		
VIDEO COMPRESSION	H.265 / H.264		
IMAGE MANAGEMENT	Day&Night		
IR LED CONTROL	Smart IR, Manuale		
DETERRENCE	n/a		
DISTANCE DI ILLUMINAZIONE IR (M)	~ 45m		~ 30m
SENSITIVITY (LUX)	Color 0.006 lux @ F1.8 (AGC ON) ; B/W 0 lux @ IR ON		
VIDEO FUNCTIONS	Alarm-event images on Dropbox Cloud		
EVENT NOTIFICATIONS	Mobile App, e-mail, HTTP(S) server POST methods - GET Multi-URL dedicated to each AI event		
WDR	DWDR		
DAY & NIGHT	Mechanical filter with auto switch		
AUDIO IN/OUT	1 RCA input / 1 RCA output		
ALARM IN/OUT	1 input / 1 output		
VIDEO ANALYTICS	Human & Vehicle detection, Line Crossing, Intrusion, Region Entrance, Region Exit, Sound Detection, Motion detection (Human/Vehicle/Animal)		
SD CARD SLOT	Micro SD slot, max. 256 GB		
POWER SUPPLY	12 VDC ± 10%, PoE (IEEE802.3af)		
MAX. POWER CONSUMPTION (W)	7W-9W(D) / 3W-4W(N)		5W-7W(D) / 3W-4W(N)
IP-IK PROTECTION RATING	IP67		IP67 / IK10
ONVIF	ONVIF (Profile S/G/T)		
OPERATING CONDITIONS	-30 °C ~ 60 °C Humidity 95% or less (non-condensing)		
DIMENSIONS (W x H x D or Ø x H)	242 x 87,4 x 83,88 mm	Ø135,56 x 127 mm	Ø150 x 109 mm





CAMERAS FUSION X

Thermal cameras are an advanced professional solution for security, environmental monitoring and fire prevention. Thanks to the 256×192 thermal sensor (NETD 50mK) combined with the 5MP optical sensor, they detect variations in temperature and the presence of subjects even in complete absence of light, or in fog or smoke. Integrated Video Analytics, the siren and light signalling provide immediate deterrence and alarms, while integrated audio and speaker complete the active response functions.

IP VIDEO SURVEILLANCE

FUSION X



CODE	80TCB300133	80TCB400133
	THERMAL MODULE	
SENSOR	Vanadium Oxide Uncooled Focal Plane Arrays	
RESOLUTION	256 x 192	
PIXEL PITCH	12µm	
SPECTRAL RANGE	8 µm to 14 µm	
FOCAL LENGTH	3.2 mm	7 mm
IFOV	56° x 42°	24.8° x 18.7°
NETD	≤ 40 MK (@ 25°C, F 1.0)	
	OPTICAL MODULE	
RESOLUTION	5MP 2592(H) x 1944(V)	
SENSOR	1/2.7" CMOS	
LENS	3.6mm	8mm
FIELD OF VIEW	Horizontal: 81° Vertical: 57° Diagonal: 108°	Horizontal: 42.3° Vertical: 23.4° Diagonal: 48.7°
SENSITIVITY (LUX)	Full Color 0 lux@White LED ON	
VIDEO FUNCTIONS	Upload alarm-event images and videos to FTP server/ alarm-event images and videos on Dropbox Cloud	
WDR	120 dB	
DAY & NIGHT	IR Cut Filter c/ auto switch	
IMAGE MANAGEMENT	Thermal image fusion with optical-channel detail overlay	
RECORDING FPS	Optical mainstream: 50Hz@25fps; 5MP(2592x1944), 4MP(2592x1520), 3MP(2304x1296), 1080P(1920x1080), 960P(1280*960), 720P(1280x720) - 60Hz@30fps; 5MP(2592x1944), 4MP(2592x1520), 3MP(2304x1296), 1080P(1920x1080), 960P(1280*960), 720P(1280x720) Thermal: 50Hz@25fps; 1280 x 720, 640 x 480; 60Hz@30fps; 1280 x 720, 640 x 480 Optical substream: 50Hz@25fps; 720P(1280x720), VGA(640x480), QVGA(320x240); 60Hz@30fps; 720P(1280x720), VGA(640x480), QVGA(320x240) Thermal: 50Hz@25fps; 640 x 480, 320x240; 60Hz@30fps; 640 x 480, 320x240 Mobile Stream: 50Hz@25fps; VGA(640x480), QVGA(320x240); 60Hz@30fps; VGA(640x480), QVGA(320x240) Thermal: 50Hz@25fps; 320x240; 60Hz@30fps 320x240	



IP VIDEO SURVEILLANCE

FUSION X



CODE	80TCB300133	80TCB400133
	OPTICAL MODULE	
VIDEO COMPRESSION	H.265, H.264, H.264+, H.265+, MJPEG	
IMAGE MANAGEMENT	Full Color, Day&Night, Smart illumination	
IR LED CONTROL	Smart IR, Manuale, OFF	
DETERRENCE	YES (LED deterrenza e LED bianchi)	
DISTANCE OF ILLUMINATION (M)	30 m	
SUPPLEMENTARY LIGHTS	White light and deterrence light (red/blue) preset, switchable infrared light	
AUDIO IN/OUT	1 input / 1 output - integrated speaker	
ALARM IN/OUT	1 input / 1 output	
EVENT NOTIFICATIONS	Notifiche Push verso app mobile, POST/GET HTTP(S), Dropbox Upload	
VIDEO ANALYTICS	Optical: Face Detection, Human & Vehicle detection, Line Crossing detection, Object Detection (Abandoned/Removed), Crossing Counting, Heat Map, Crowd Density detection, Queue Length detection, Rare Sound detection, Intrusion, Region Entrance, Region Exiting, Sound detection	
	Thermal: Human & Vehicle detection, Line Crossing detection, Intrusion, Region Entrance, Region Exiting, Fire detection, Temperature measurement/alarm	
TEMPERATURE MEASUREMENT	Global, 12 points, 12 areas, 12 lines	
TEMPERATURE RANGE	-15°C a 150°C	
MEASUREMENT ACCURACY	± 8°C	
FIRE DETECTION	Dynamic fire-start detection	
SD CARD SLOT	YES (max 512 GB)	
POWER SUPPLY	DC12V±10%/POE	
MAX. POWER CONSUMPTION (W)	10.8W	10.4W
IP-IK PROTECTION RATING	IP67	
ONVIF	ONVIF (Profile S/G/T/M)	
OPERATING CONDITIONS	-30°C~60°C (IR OFF), 0~90%RH	
DIMENSIONS (W x H x D or Ø x H)	315 x 108 x 108 mm	





NVR EDGE

La gamma di NVR professionali è progettata for applications di video surveillance scalabili, suitable for small, medium and large installations.

Le soluzioni disponibili garantiscono elevate prestazioni, affidabilità operativa and ease of management, providing a flexible infrastructure for different scenari installativi.

Main features:

- support for high-resolution IP systems;
- centralised management of cameras and recordings;
- compatibility with advanced video analytics functions;
- remote access via dedicated software and mobile App.

IP VIDEO SURVEILLANCE

NVR EDGE



CODE	80NRA100133	80NRA200133
VIDEO COMPRESSION	H.264/H.265/H.264+/H.265+	
MAX. RESOLUTION	12MP	
RECORDING	12MP (4000x3000), 8MP o 4K (3840x2160 o 3000x3000), 5MP (3072x1728, 2592x1944 e 2160x2160), 4MP (2592x1520), 3,5MP (2304x1296), 3MP (2048x1520), 2MP o 1080P (1920x1080), 1.0MP o 720P (1280x720)	
POE PORTS	4xRJ45 - 100 Base-T 802.3at/af	8xRJ45 - 100 Base-T 802.3at/af
IP CHANNELS	4	8
VIDEO OUTPUTS	1 Video Output HDMI 1024*768, 1280*720, 1280*1024, 1440*900, 1600*1200, 1920*1200, 1920*1080, 2560*1440(2K), 3840*2160(4K) 1 Video Output VGA 1024*768, 1280*720, 1280*1024, 1440*900	
AUDIO INPUTS/OUTPUTS	1-CH RCA line input / 1-CH RCA audio output	
ALARM INPUTS/OUTPUTS	4-CH Alarm Inputs / 1-CH Alarm Output	8-CH Alarm Inputs / 1-CH Alarm Output
USB PORTS	2 USB Ports 2.0 on front panel / 1 porta USB 2.0 on rear panel	
ETHERNET	1 x auto-adaptive interface RJ45 100/1000 Base-T	
PTZ CONTROLS	Via RS485 with COAX, PELCO-D and PELCO-P protocols	
SMART FUNCTIONS (IN BASE AL MODELLO DI TELECAMERA)	Face Detection, Human & Vehicle, Perimeter intrusion detection, Line Crossing detection, Crossing Counting, Heat Map, Crowd Density detection, Queue Length detection, License Plate detection, Rare Sound detection, Stationary Object detection, Sound detection, Video Tampering, Intrusion, Region Entrance, Region Exiting, Fire detection, Temperature measurement, Face recognition, License plate recognition, Face attendance, Object classification, Attribute detection	
STORAGE VIDEO BACKUP	Backup to external USB device / Network (NAS) (DROPBOX, GOOGLE DRIVE, FTP, images only and alarm-event videos)	
IP RECORDING BANDWIDTH (IN/OUT)	Max. 76Mbps	Max. 128Mbps
RAID	n/a	
NETWORK PROTOCOLS	TCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, UPnP, HTTP, HTTPS	
SUPPORTED HARD DISKS	Max. 1 HDD Sata (each HDD up to 10TB) - HDD not included	
APP	Urmec iUVS Pro	
MANAGEMENT SOFTWARE	UVS manages up to 128 channels per monitor (max. 4 monitors) for Windows and Mac, graphic maps, alarm management and playback	
POWER SUPPLY	48V	
POWER CONSUMPTION	4.3W (HD esclusi)	5.28W (HD esclusi)
DIMENSIONS (W x D x H)	300 x 227 x 53 mm	



IP VIDEO SURVEILLANCE

NVR EDGE



CODE	80NRA300133	80NRA400133
VIDEO COMPRESSION	H.264/H.265/H.264+/H.265+	
MAX. RESOLUTION	12MP	
RECORDING	12MP (4000x3000), 8MP o 4K (3840x2160 o 3000x3000), 5MP (3072x1728, 2592x1944 e 2160x2160), 4MP (2592x1520), 3,5MP (2304x1296), 3MP (2048x1520), 2MP o 1080P (1920x1080), 1.0MP o 720P (1280x720)	
POE PORTS	16xRJ45 100 Base-T 802.3at/af	n/a
IP CHANNELS	16	32
VIDEO OUTPUTS	2 Video Output HDMI HDMI 1: (1024*768, 1280*720, 1280*1024, 1440*900, 1920*1080, 1920*1080, 1600*1200, 1920*1200, 3840*2160/EDID) HDMI 2: (1024*768, 1280*720, 1280*1024, 1440*900, 1920*1080) Async out 1 Video Output VGA (1024*768, 1280*720, 1280*1024, 1440*900, 1920*1080) Async out	
AUDIO INPUTS/OUTPUTS	1-CH RCA line input / 1-CH RCA audio output	
ALARM INPUTS/OUTPUTS	8-CH Alarm Inputs / 1-CH Alarm Output	16-CH Alarm Inputs / 1-CH Alarm Output
USB PORTS	2 USB Ports 2.0 on front panel / 1 porta USB 2.0 on rear panel	1 Porta USB 2.0 front / 1 porta USB 2.0 + 1 porta USB 3.0 rear
ETHERNET	1 x auto-adaptive interface RJ45 100/1000 Base-T	2 x auto-adaptive interface RJ45 100/1000 Base-T
PTZ CONTROLS	Via RS485 with COAX, PELCO-D and PELCO-P protocols	
SMART FUNCTIONS (IN BASE AL MODELLO DI TELECAMERA)	Face Detection, Human & Vehicle, Perimeter intrusion detection, Line Crossing detection, Crossing Counting, Heat Map, Crowd Density detection, Queue Length detection, License Plate detection, Rare Sound detection, Object Detection (Abandoned/Removed), Sound detection, Video Tampering, Intrusion, Region Entrance, Region Exiting, Fire detection, Temperature measurement, Face recognition, License plate recognition, Face attendance, Object classification, Attribute detection	
STORAGE VIDEO BACKUP	Backup to external USB device / Network (NAS) (DROPBOX, GOOGLE DRIVE, FTP, images only and alarm-event videos)	Backup to external USB device / e-SATA / Network (NAS) (DROPBOX, GOOGLE DRIVE, FTP, images only and alarm-event videos)
IP RECORDING BANDWIDTH (IN/OUT)	Max. 112Mbps	Max. 320Mbps
RAID	n/a	
NETWORK PROTOCOLS	TCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, UPnP, HTTP, HTTPS	
SUPPORTED HARD DISKS	Max. 1 HDD Sata (ciascun HDD up to 10TB) - HDD not included	Max. 2 HDD Sata (ciascun HDD up to 12TB) - HDD not included
APP	Urmet iUVS Pro	
MANAGEMENT SOFTWARE	UVS manages up to 128 channels per monitor (max. 4 monitors) for Windows and Mac, graphic maps, alarm management and playback	
POWER SUPPLY	48V	12V/5A
POWER CONSUMPTION	6.2W (HD esclusi)	8W (HD esclusi)
DIMENSIONS (W x D x H)	300 x 296 x 54 mm	378 x 317 x 50 mm





ACCESSORIES/ MOUNTING DIAGRAMS

Every installation is different.
The Elkron mounting accessory range offers solutions for every scenario: walls, ceilings, poles - any surface becomes the ideal observation point.
Designed to last and easy to install, Elkron accessories complete the camera and enhance the entire system, ensuring correct positioning and la massima copertura visiva fin dal primo day.

IP VIDEO SURVEILLANCE

CAMERA MOUNTING ACCESSORIES

Item no. 80SPA100133

Junction box small size

- ✓Weight: 300 g
- ✓Dimensions (A x Ø): 100,5 x 56 mm



Item no. 80SPA200133

Small-size junction box for wall bracket 80SPA500133

- ✓Weight: 300 g
- ✓Dimensions (A x Ø): 100,5 x 56 mm



Item no. 80SPA300133

Junction box for H.265 IP cameras

- ✓Wall or ceiling mounting
- ✓Dimensions (A x Ø): 57 x 134 mm
- ✓Weight: 410 g



Item no. 80SPA400133

Junction box for dome camera

- ✓Weight: 450 g
- ✓Dimensions (A x Ø): 57 x 134 mm



Item no. 80SPA500133
wall bracket

- bracket for IP vandal dome.
- ✓Dimensions (L x H x P): 98 x 180 x 169 mm



Item no. 80SPA600133

Wall or ceiling junction box

- ✓Weight: 460 g
- ✓Dimensions (Ø x A): 146,7 x 59 mm



Item no. 80SPA700133

Junction box compatible with wall bracket

- ✓Weight: 500 g
- ✓Dimensions (Ø x A): 146,7 x 79 mm



IP VIDEO SURVEILLANCE

CAMERA MOUNTING ACCESSORIES

Item no. 80SP1G00133**Junction box for vandal dome**

- ✓Wall or ceiling mounting
- ✓Dimensions (A x Ø): 46 x 147 mm
- ✓Weight: 300 g

**Item no. 80SP1H00133****Junction box for IP vandal dome (use with 80SPA500133)**

- ✓Weight: 306 g
- ✓Dimensions (Ø x P): 14,5 x 6 mm

**Item no. 80SP1I00133****Mini junction box for mini vandal dome**

- ✓Weight: 239 g
- ✓Dimensions (A x Ø): 44,0 x 113,5 mm

**Item no. 80SP1L00133****wall bracket for mini vandal dome**

- ✓Weight: 239 g
- ✓Dimensions (A x Ø): 62,0 x 113,5 mm

**Item no. 80SPA900133****Mounting adapter**

Pole adapter for junction box.

- ✓Dimensions (L x H x P): 9.19,1 x 10,5 x 3,1 mm
- ✓Pole Ø (min-max) 60 - 80 mm
- ✓Weight 200 g

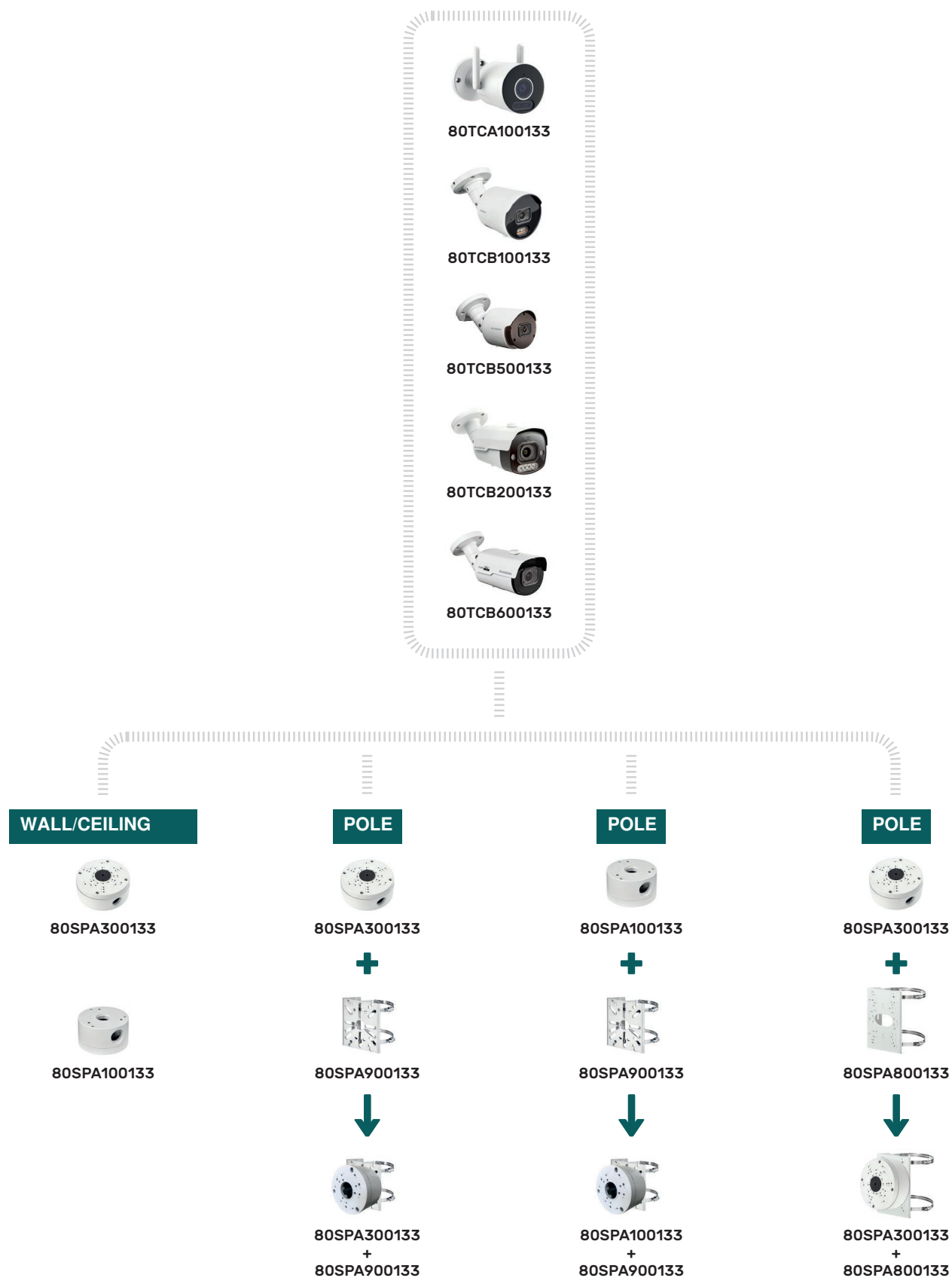
**Item no. 80SPA800133****Pole adapter**

- ✓Weight: 1020 g
- ✓Dimensions (H x L x P): 200 x 124,45 x 46,1 mm



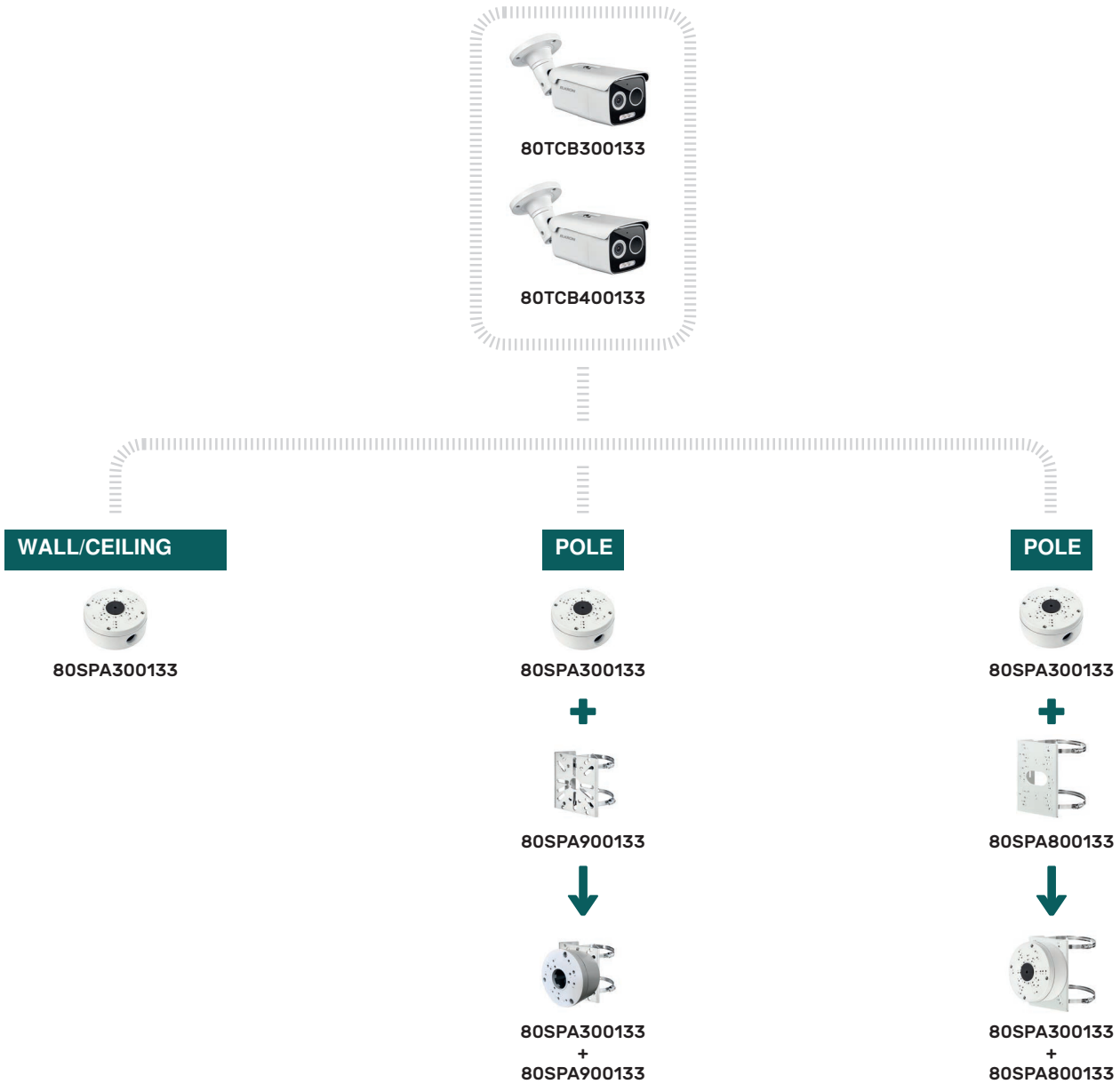
IP VIDEO SURVEILLANCE

MOUNTING DIAGRAMS



IP VIDEO SURVEILLANCE

MOUNTING DIAGRAMS



SMART WI-FI CAMERAS

SMART DETERRENCE CAMERAS

SENTINEL CAMERAS

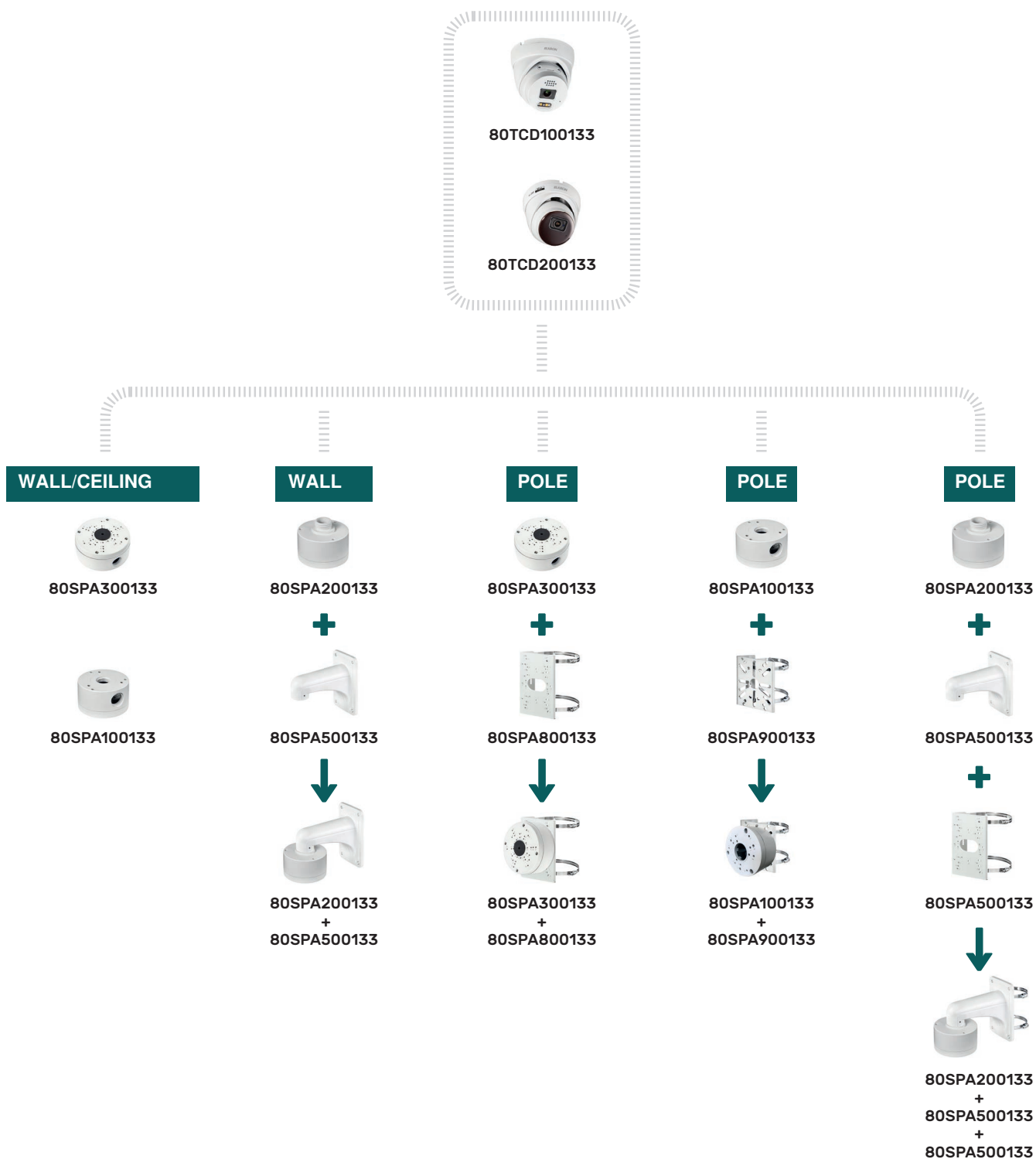
FUSION X CAMERAS

NVR EDGE

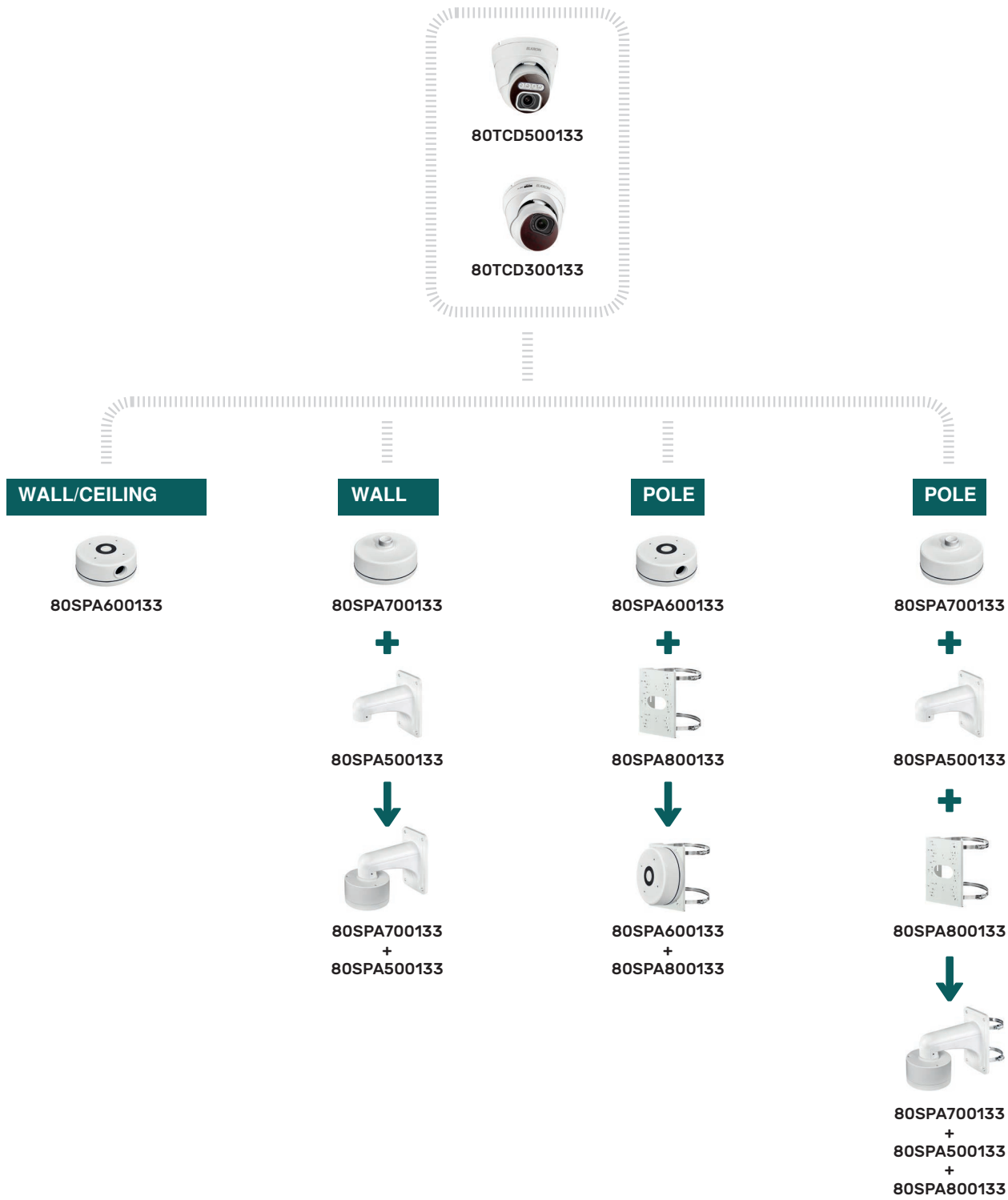
ACCESSORIES/
MOUNTING DIAGRAMS

IP VIDEO SURVEILLANCE

MOUNTING DIAGRAMS

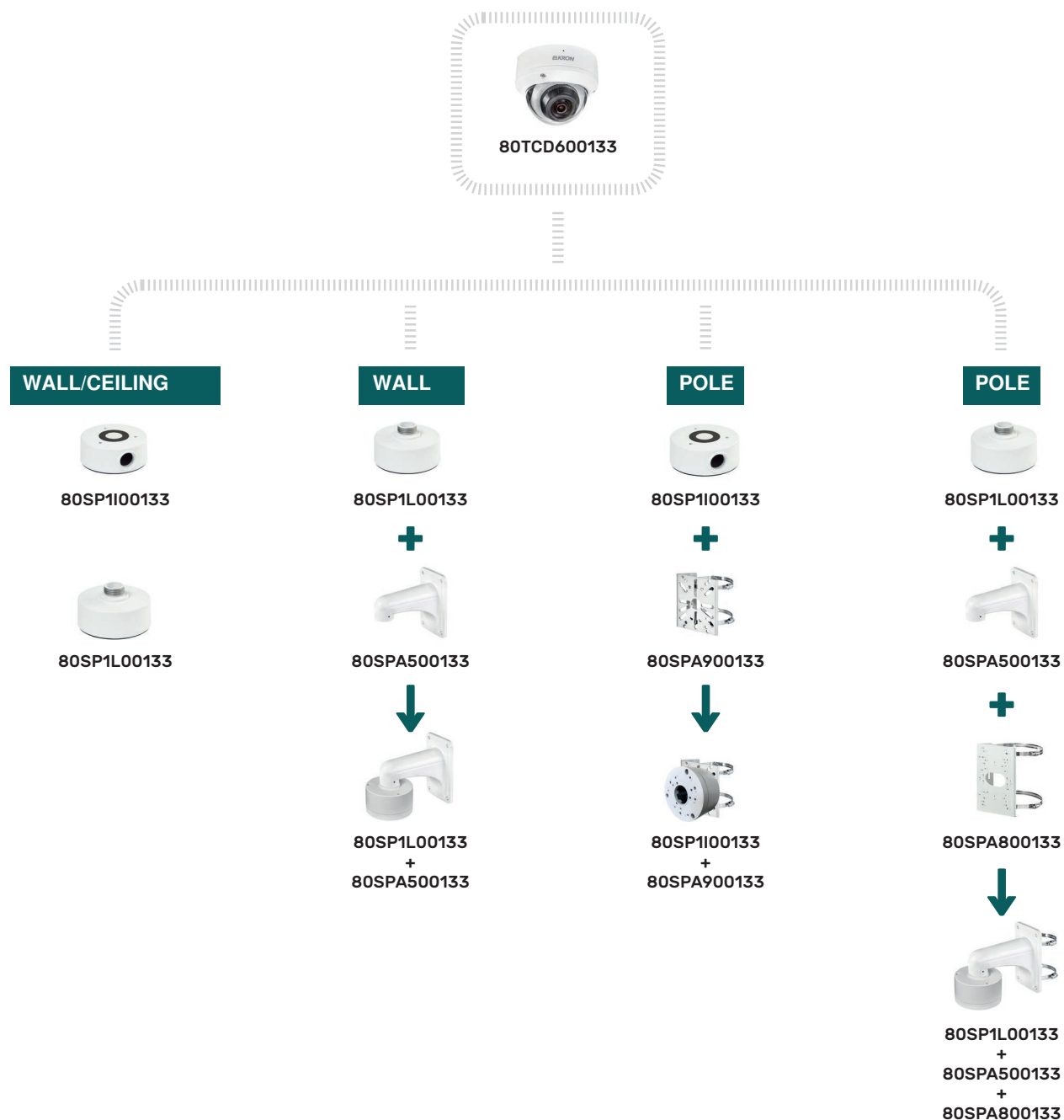


IP VIDEO SURVEILLANCE MOUNTING DIAGRAMS



IP VIDEO SURVEILLANCE

MOUNTING DIAGRAMS



IP VIDEO SURVEILLANCE MOUNTING DIAGRAMS



WALL/CEILING



80SP1G00133

WALL



80SP1H00133



80SPA500133



80SP1H00133
+
80SPA500133

POLE



80SP1G00133



80SPA900133



80SP1G00133
+
80SPA900133

POLE



80SP1G00133



80SPA800133



80SP1G00133
+
80SPA800133

POLE



80SP1H00133



80SPA500133



80SPA800133



80SP1H00133
+
80SPA500133
+
80SPA800133

ALPHABETICAL INDEX

CODE

80NRA100133	> 30
80NRA200133	> 30
80NRA300133	> 31
80NRA400133	> 31
80SP1G00133	> 35
80SP1H00133	> 35
80SP1I00133	> 35
80SP1L00133	> 35
80SPA100133	> 34
80SPA200133	> 34
80SPA300133	> 34
80SPA400133	> 34
80SPA500133	> 34
80SPA600133	> 34
80SPA700133	> 34
80SPA800133	> 35
80SPA900133	> 35
80TCA100133	> 14
80TCA200133	> 15
80TCA300133	> 15
80TCB100133	> 18
80TCB200133	> 19
80TCB300133	> 26-27
80TCB400133	> 26-27
80TCB500133	> 22
80TCB600133	> 23
80TCD100133	> 18
80TCD200133	> 22
80TCD300133	> 23
80TCD400133	> 23
80TCD500133	> 19
80TCD600133	> 19

TECHNICAL ASSISTANCE SERVICE (STAC)

The Elkron Technical Assistance Service (STAC) is available
Monday to Friday from 8:00 to 13:00 and from 14:00 to 17:50.

Telephone number for installers:

☎ (+39) 011 23 39 111

✉ stac@elkron.it



SALES ORGANISATION

To find your nearest sales agency,
scan the QR code alongside with your smartphone or visit
www.elkron.com

Elkron is a trademark of Urmet S.p.A.

Elkron-branded products are distributed by Urmet Solutions S.r.l.
Urmet S.p.A. reserves the right to make changes
to its equipment at any time,
without prior notice.

www.elkron.com
info@elkron.it



Elkron is a trademark of Urmet S.p.A.

Via Bologna, 152
10154 Torino (Italy)

☎ (+39) 011 23 39 111

✉ info@elkron.it

www.elkron.com

follow us on   