



NEVELUS AERO
**WIRELESS ALARM
SYSTEMS**
CATALOGUE





Quality

Nevelus products comply with local and international certifications: CE, EN50131-Grade 2, NFA2P 2 boucliers (Europe), IDA (Singapore), A-Tick (Australia), ICASA (South Africa), FCC, IC, PTCRB (North America), and are manufactured in certified factories in France ISO9001 and ISO/TS16949.



Nevelus Aero SECURITY SYSTEMS

- 1 On detection, the camera records a colour video clip.
- 2 The video is sent to the monitoring station or one or more smartphones. The monitoring operators and the end users can watch the video of the intrusion in real time, removing any doubt!
- 3 When there is a genuine intrusion, the monitoring station calls the police or required response...

Nevelus Aero, a key player in the alarm system market!

Depending on the selected panel:

- Operates up to 4 years on one set of batteries
- Quick installation wireless or powered
- Alarm video sent over GPRS / IP / WIFI™
- Connected, accessible, portable, usable anywhere

Recognized know-how!

Nevelus develops intruder alarm security solutions with a real dedication to technological innovation. Our products offer an innovative and unique concept in the world!

From design to conception, through sale, our team is at your service. Over 20 years of experience make Nevelus leading player in the sector. Our products have demonstrated their capability with more than 500.000 systems already installed.

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RESIDENTIAL

SMALL BUSINESS



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OUTDOOR AND VACANT SITES



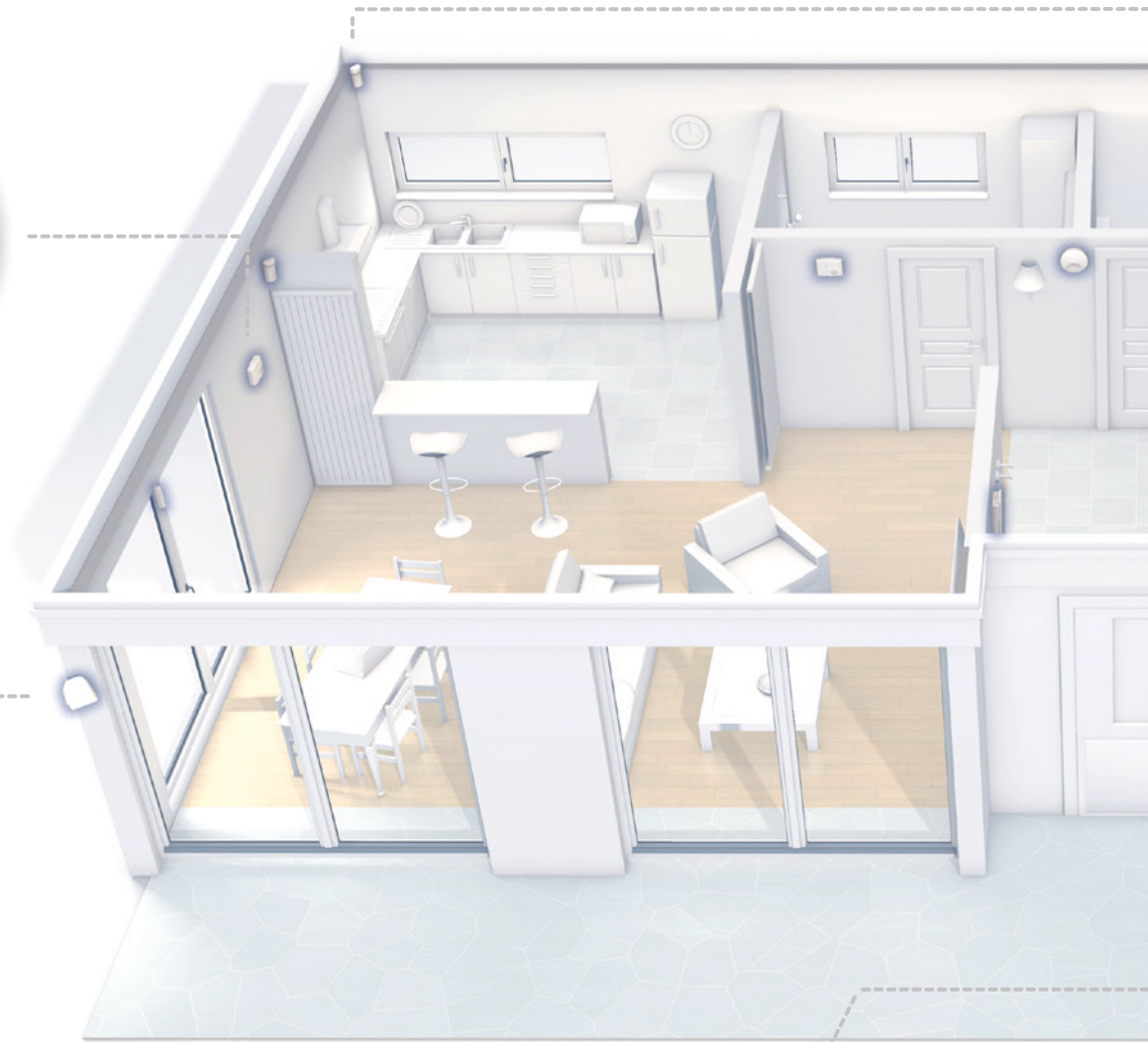
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RESIDENTIAL, SMALL BUSINESS



INDOOR SIREN
NVL INS 90



OUTDOOR VIDEO LIVE
MOTIONVIEWER NVL FS 100S



OUTDOOR SIREN
NVL OS 100



INDOOR VIDEO LIVE
MOTIONVIEWER **NVL IS 90**



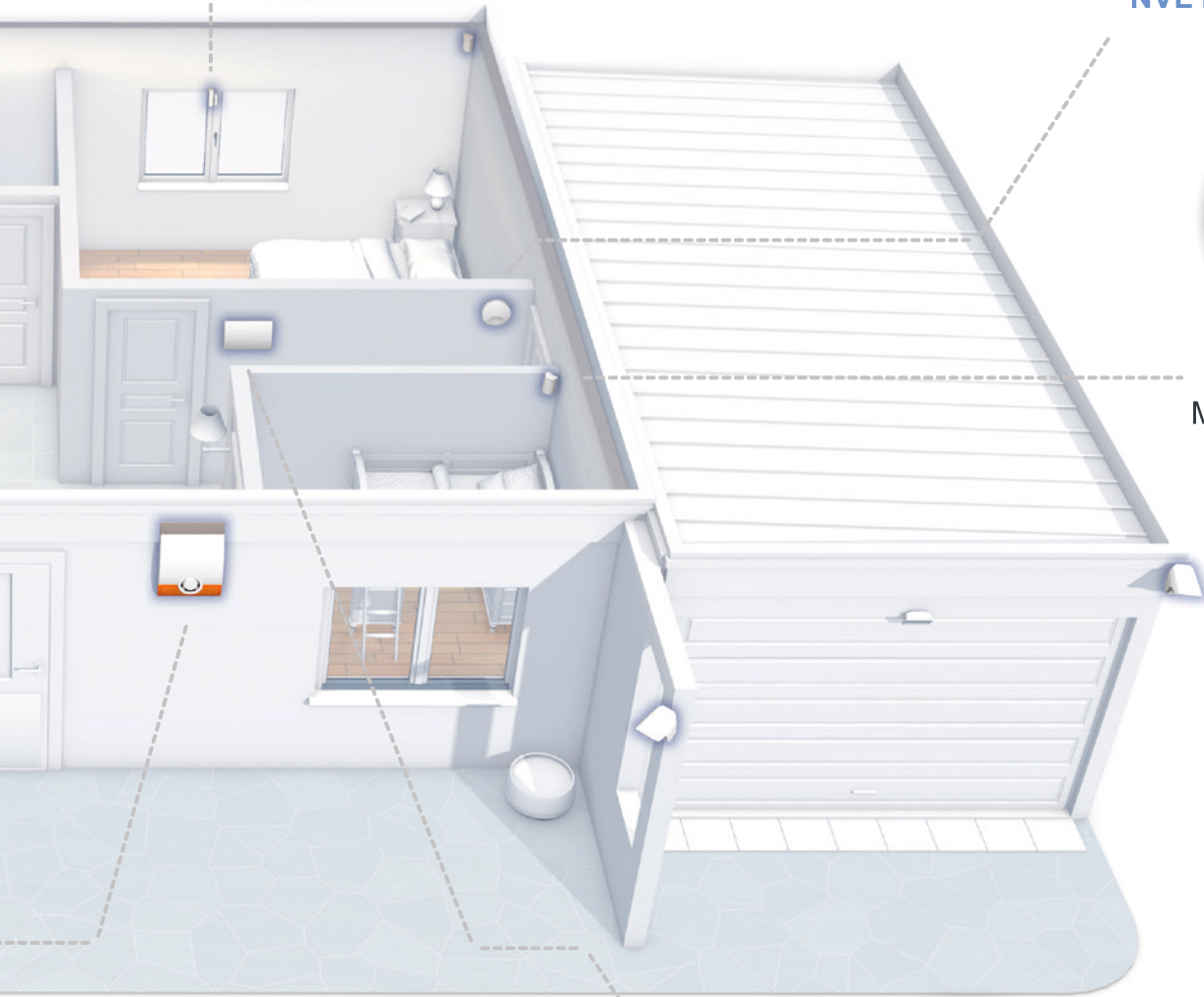
INDOOR DOOR
CONTACT **NVL MC 100W/B**



SMOKE DETECTOR
NVL FD 100



INDOOR
MOTIONVIEWER
NVL BD 100



ALARM PANELS



NVL CP 80 PANEL

APPRECIATE THE MODERN TECHNOLOGY!

The NVL CP 80 panel is a wireless alarm system which adapts itself to the availability of transmission networks. During an intrusion, the NVL CP 80 Panel is able to transmit alarms and videos on the **ETHERNET network (and/ or optionally Wifi™) or GPRS**. The NVL CP 80 Panel is a wireless alarm system, which is optimized to work with the **smartphone APPLICATION**.

This system can be used for residential or small business protection.



NVL CP 80



	NVL CP 80 PANEL	NVL CP 80 (NVL WFM100) PANEL	NVL CP 80 (NVL WIO100) PANEL
GPRS Communication	✓		✓
Audio Verification	✓		✓
IP transmission		✓	✓
Wi-Fi™	Optional module (WFM100)	Optional module (WFM100)	Optional module (WFM100)
Hardwired inputs / outputs	Optional module (WIO100)	Optional module (WIO100)	Optional module (WIO100)
Wired siren	Optional (SIW100)	Optional (SIW100)	Optional (SIW100)
Number of devices	25	25	25
Power supply	Mains power (PS 100) with battery back-up	Mains power (PS 100) with battery back-up	Mains power (PS 100) with battery back-up



NVL WFM100
Wi-Fi module



NVL WIO100
I/O module
1 Input/2 Outputs





NVL CP 90 PANELS

COMMUNICATE WITH GPRS...

The modern design of our NVL CP 90 integrate into every type of interior (houses, apartments, etc.). An **accessible** and **connected** alarm system allowing video verification through GPRS communication.



NVL CP 100 PANELS

COMMUNICATE WITH ETHERNET AND/OR GPRS...

NVL CP 100 Panels can be used as a **stand-alone system** or can provide a video upgrade to an existing alarm system



PANELS

	NVL CP 90 PANEL	NVL CP 90L PANEL	NVL CP 100V PANEL	NVL CP 100io PANEL
Keypad	✓			
Badge reader	✓			
2-way voice	✓		✓	
Siren	✓	✓		
GPRS Communication	✓	✓	✓	✓
IP transmission			✓	✓
Hardware inputs			2	3
Hardware outputs			1	2
Xtender mode				✓
Number of devices	19	25	25	25
Power supply	2 options : - 8 LR20 alkaline batteries - 4 LR20 alkaline batteries and power supply	2 options : - 8 LR20 alkaline batteries - 4 LR20 alkaline batteries and power supply	2 options : - Connected with 9VDC to 12 VDC, with 4 LR20 alkaline batteries back-up - 4 LSH20 lithium batteries (GPRS only)	2 options : - Connected with 9VDC to 12 VDC, with 4 LR20 alkaline batteries back-up - 4 LSH20 lithium batteries (GPRS only)



DEVICES

NVL IS 90
INDOOR
MOTIONVIEWER



NVL IS 100 INDOOR
VIDEO LIVE
MOTIONVIEWER



NVL BD 100
INDOOR
MOTION
DETECTOR



NVL FS 100C
& **NVL FS 100CS**
OUTDOOR
MOTIONVIEWER



MotionViewers are the critical devices that provide **video verification** for whatever or whoever has triggered the PIR. The Indoor Motion Detector is a wireless, indoor motion detector designed for use in Nevelus Aero security systems.

NVL IS 90 INDOOR
MOTIONVIEWER

NVL IS 100 INDOOR
VIDEO LIVE
MOTIONVIEWER

NVL BD 100
INDOOR MOTION
DETECTOR

NVL FS 100C
OUTDOOR
MOTIONVIEWER

NVL FS 100CS
OUTDOOR
VIDEO LIVE
MOTIONVIEWER

	NVL IS 90 INDOOR MOTIONVIEWER	NVL IS 100 INDOOR VIDEO LIVE MOTIONVIEWER	NVL BD 100 INDOOR MOTION DETECTOR	NVL FS 100C OUTDOOR MOTIONVIEWER	NVL FS 100CS OUTDOOR VIDEO LIVE MOTIONVIEWER
Use	Indoor	Indoor	Indoor	Outdoor	Outdoor
Video	Colour	Colour & Video Live	No	Colour	Colour & Video Live
Operating temp.	-10° / +40°C	-10°/+55°C	-10° / +40°C	-25° / +70°C	-25°/70°C
Installation	Screw on the wall	Screw on the wall	Screw on the wall	Mounting Arm Kit (Ref. SH 100)	Mounting Arm Kit (Ref. SH 100)
Protection rating		IP30 / IK04		IP65/IK06	IP 54 / IK 06
Battery life	4 years	4 years	4 years	4 years	4 years
Power supply	2 LS14500 lithium batteries	1 LS14500 lithium battery	1 LS14500 lithium battery	4 LS14500 lithium batteries	4 LS14500 lithium batteries
Animal Immunity	Optional (IS90A)	Optional (IS100A)	Optional (BD100A)	Programmable	Programmable
Vertical curtain lens			Optional (BD100C)	✓	✓



NVL MC 100W/B
INDOOR
DOOR
CONTACT



NVL MC 90W/B
INDOOR
UNIVERSAL
TRANSMITTER



NVL FD 100
INDOOR
SMOKE
DETECTOR



NVL MC 100W/B
INDOOR
DOOR CONTACT

NVL MC 90W/B
INDOOR
UNIVERSAL TRANSMITTER

NVL FD 100
INDOOR
SMOKE DETECTOR

	NVL MC 100W/B INDOOR DOOR CONTACT	NVL MC 90W/B INDOOR UNIVERSAL TRANSMITTER	NVL FD 100 INDOOR SMOKE DETECTOR
Hardware inputs		✔	
Hardware outputs			
Size	Body 95 x 25.8 x 24mm Spacer 64 x 15 x 10mm Magnet 64 x 15 x 11mm	80 x 35 x 23 mm	Diameter : 120mm Height : 55mm
Power supply	1 CR123A battery	1 LS14500 lithium battery	1 CR123A battery
Battery life	4 years	4 years	2 years
Operating temp.	-10°/+55°C	-10°/+55°C	-0° /+49° C



KEYPADS NVL TC 100

Keypad NVL TC 100 are designed for configuring/programming and operating Nevelus Aero security systems.

Arm and disarm a Nevelus Aero system...



NVL TC 100
KEYPADS

Use	Indoor
Badge reader	✓ Badge Ref. : MT 100
Panic button	3 options
Tamper detection	Open and back tamper
Keypad	✓
Display	✓
Power supply	3 LS14500 lithium batteries

REMOTE KEYFOB NVL DC 100

With the keyfob, the user can arm and disarm the Nevelus Aero system remotely. It has an encrypted "rolling code" system that changes the actual signal sent to the panel every time it is used. It features audio feedback (beeping) at arming/disarming to verify communication with the panel and indicate entry/exit delay.

A 1 button remote keyfob is also available, allowing you to send a panic event to the systems.



PROXIMITY TAGS NVL MT 100

Compatible with NVL CP 90 panel, NVL TC 100 Keypad and NVL MR Badge Reader.





INDOOR SIREN NVL INS 90

OUTDOOR SIREN NVL OS 100

INDOOR SIREN & 2 WAY VOICE NVL INS 90V



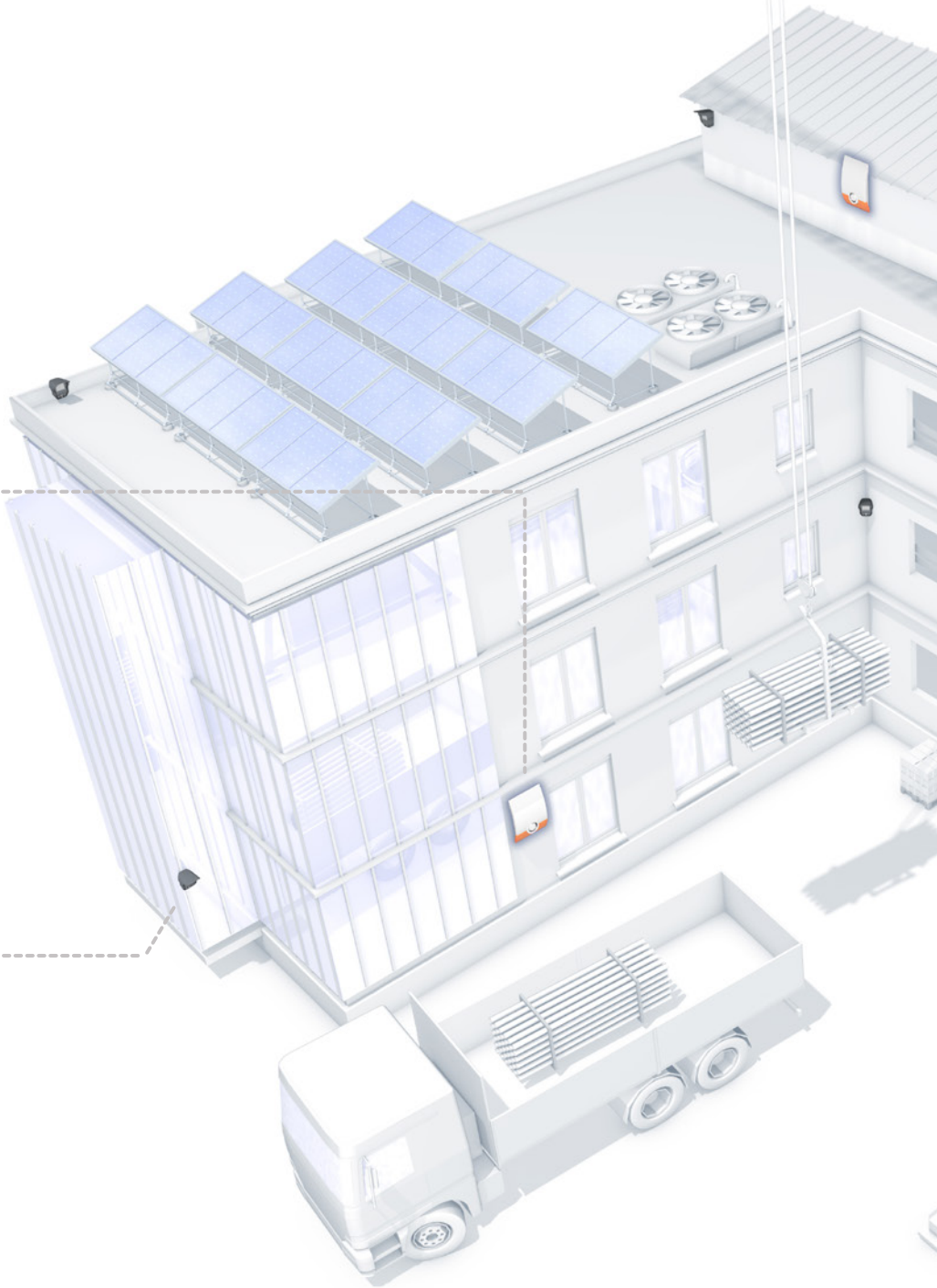
DEVICES

Totally wireless, they can be mounted easily anywhere without the need to drill holes or run cables or power. Multiple sirens can be placed on one system.

	INDOOR SIREN NVL INS 90	OUTDOOR SIREN NVL OS 100	INDOOR SIREN & 2 WAY VOICE NVL INS 90V
Use	Indoor	Exterior	Indoor
Volume level	110 dBA @ 1 metre	105 dBA @ 1 metre	101,5 dBA @ 1 metre
Operating temperature	-10° /+40° C	-25°C / +70°C	-10° /+40° C
Strobe		✓	
Entry/exit delay beeps	✓	✓	✓
2-way voice			✓
Protection rating		IP44D/IK07	
Power supply	4 LR20 alkaline batteries	3 LR20 alkaline batteries	4 LR20 alkaline batteries



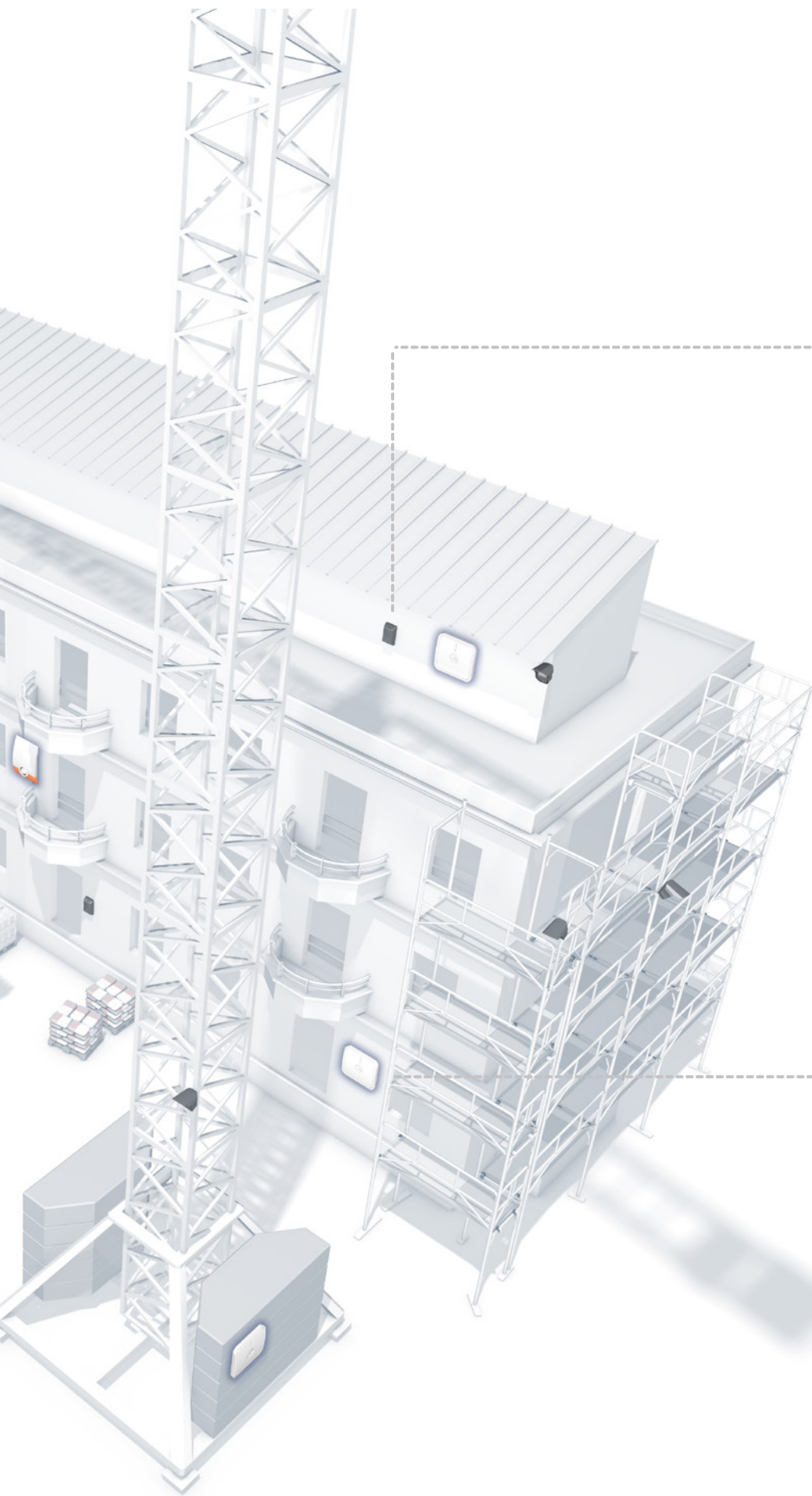
OUTDOOR AND VACANT SITES



NVL OS 100
OUTDOOR SIREN



NVL FS 100S
OUTDOOR
VIDEO LIVE MOTIONVIEWER



BADGE READER
NVL MR



NVL CP 120
PANEL



NVL CP 120 PANEL

PROTECT EXTERNAL SITES

The NVL CP 120 control panel is a **weatherproof, wireless, battery operated**, hybrid alarm system. It is designed for outdoor commercial applications.



NVL CP 120 PANEL

Operating temperature	-25° / +70°C
GPRS Communication	✓
Installation	Mounting Bracket included
Booster antennas GPRS & Radio	Included
Number of devices	25
Protection rating	IP65/IK06
Power supply	4 LSH20 lithium batteries

Examples of applications:

- Construction sites
- Vacant buildings /properties
- Vehicle compounds
- Fenced compounds
- Substations
- Cell Towers
- Guard Enhancement
- Remote Facilities, Mines, Gravel Pits
- Agriculture
- Solar panels
- Copper Theft
- Petro/Chem
- Church roofs

BADGE READER NVL MR

Badge Reader NVL MR is designed to arm/disarm. The users simply place their badges next to the reader.

OUTDOOR SIREN NVL OS 100

The sirens can be used externally to signal the intrusion. Several sirens can be used on the same system.



OUTDOOR MOTIONVIEWER NVL FS 100

No power required, 100% wirefree!

Since construction sites, vacant buildings, substations and all outdoor sites are usually uncontrolled environments, video verification is especially important to eliminate costly false alarms. Nevelus Aero's portability means it can be moved around as the project evolves – even if that means being installed months later at a brand new site!



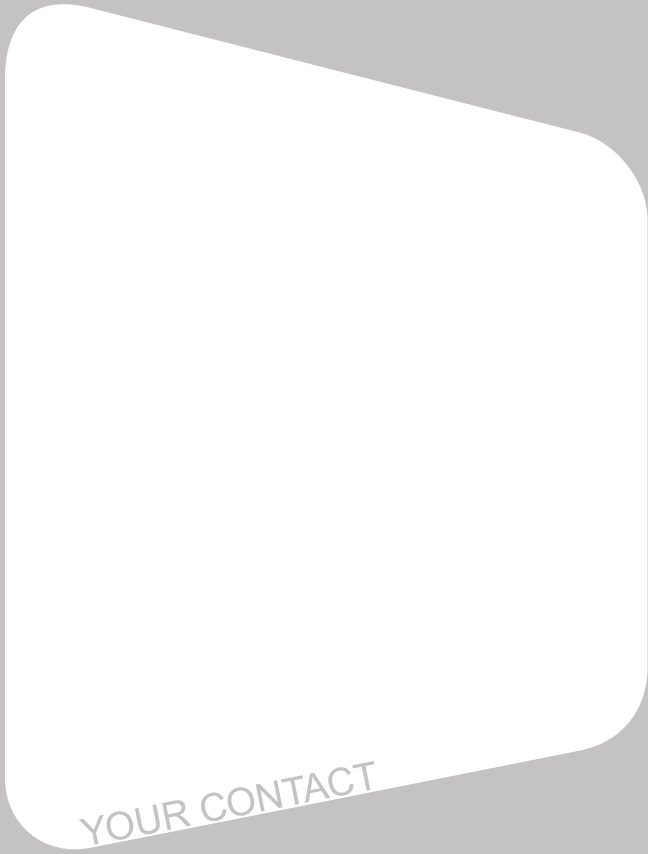
DEVICES



OUTDOOR
MOTIONVIEWER **NVL FS 100**

OUTDOOR VIDEO LIVE
MOTIONVIEWER **NVL FS 100S**

	Colour	Colour & Video Live
Video	Colour	Colour & Video Live
Operating temperature	-25° / +70°C	-25° / +70°C
Installation	Mounting Bracket (SH 100)	Mounting Bracket (SH 100)
Tamper	✓ With an accelerometer captor	✓ With an accelerometer captor
Angle detection	90° by default	90° by default
Type detection	Infrared detection	Infrared detection
Lenses	3 spare in the box: - Vertical curtain - Horizontal curtain (pet immune) - Long range	3 spare in the box: - Vertical curtain - Horizontal curtain (pet immune) - Long range
Masking kit	✓	✓
Input/Output	✓	✓
Battery life	4 years	4 years
Protection rating	IP54/IK06	IP54/IK06
Power supply	4 LS14500 lithium batteries	4 LS14500 lithium batteries



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