



EDV6X CCTV

For maximum
safety in all
conditions, new
devices and new
Color cameras



Enhanced performance and increased security with the latest additions to the Elvox CCTV range.



Perfect colour vision, secure entrance management, and 24/7 control. Vimar's video surveillance solutions ensure security and reliability thanks to a range of professional and high-performance products suitable for every type of context: from residential to the service sector and hospitality. Elvox CCTV devices guarantee **maximum security inside and outside the building, in any condition.** The **new Color camera range, new number plate reading camera and new NVR** constitute the concrete response to these needs and are perfectly integrated into Vimar systems.

Color Cameras

High image quality and sharp details with excellent 24/7 colour rendering.

New Color camera range with 4, 6, 8 Mpx resolution, colour viewing in the dark via white LED lighting, and a new function with false alarm reduction through target detection size definition.



Number plate reading camera

Maximum precision in entrance management.

Number plate reading camera for gate opening, to complete CCTV systems and in synergy with Vimar's offerings for the service industry.



NVR recorders and firmware for new functions

More supporting functions.

A new 32-channel NVR supplements the range of NVR recorders, along with updated firmware for NVRs with new functions supporting the new cameras.



Color Cameras: a range for every type of application.



Choose the highest-performing technologies to guarantee security for your customers.

The Elvox CCTV offering has expanded with **12 new cameras** that allow **colour viewing in the dark** with **configurable white light lighting**. Night vision can be set in classic black and white mode, with the switch to colour viewing only upon detection of a target in one of the four configurable areas.



Colour viewing in the dark



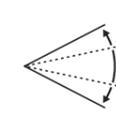
Operates at extreme temperatures
-30°C / +60°C



IP67
Water and dust protection



High Resolution
4, 6 and 8 Megapixels



Fixed focus and varifocal
(with motor-driven lens)



Advanced video analysis



250 GB SD-card to ensure a backup of the recording

Bullet and Dome cameras

with fixed 2.8 mm or motor-driven varifocal 2.8-12 mm lens, Smart IR and white LEDs with a range of up to 50 m.



The entire new range of cameras and NVR recorders complies with the NDA A standard.



Immediate connection to the By-camera App, thanks to the QR code.

Vimar View

Integrated supervision.

Thanks to Vimar's View App, integration between the By-alarm Plus and Elvox CCTV systems can be exploited for both local and remote management and video checking.

Video checking: signals the alarm in progress detected by the By-alarm Plus system or the cameras with direct access to the live view for both.

Video checking or direct access to the live view even in the absence of an alarm.

Color cameras: three lighting modes.

Hybrid vision across four distinct detection areas.



The **three configurable lighting modes** (classic black and white, always in colour, or hybrid which includes both of the preceding) are extended to all 12 new Color cameras. What's more, the hybrid vision offers **4 different detection areas**, with detection of people, vehicles, or cycles and motorcycles, allowing for further limitation of false alarms, especially in the presence of animals.



Superior performance levels

with the new colour function, images and colours are always bright and vivid, even at night in the dark, in critical visibility conditions.



More precise detections

from the NVR **multiple video analysis functions can be used simultaneously.**



Easy and secure firmware update

to implement new functions and with system back-up in case the update is unsuccessful.

Hybrid operating mode (black&white or colour):



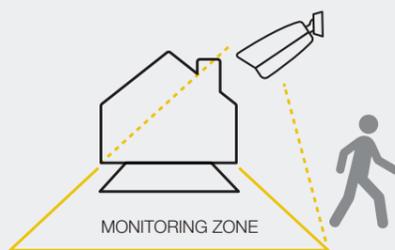
INFRARED LIGHTING

In the absence of events in the zone being monitored, only the IR illuminator is active.



COLOUR VISION

White lighting for colour viewing in the dark is activated when a target is detected.



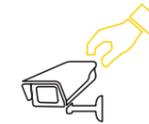
AUTOMATIC VISION CHANGE

When the target moves away, the white light turns off and the IR is reactivated.

Increasingly reliable detections. New target recognition function.

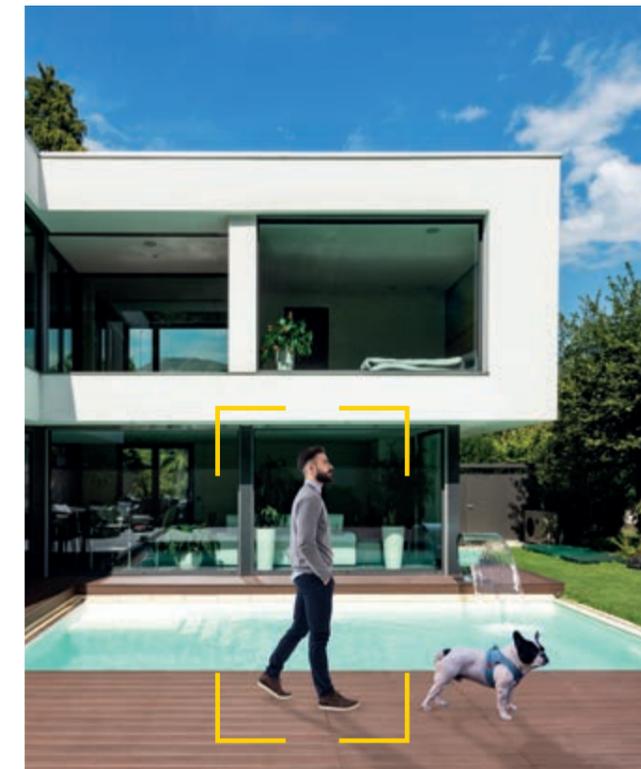
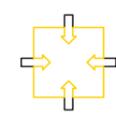
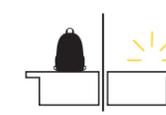


The new range of cameras introduces the definition of the **minimum and maximum detection size for targets**, (people, vehicles, or bicycles/motorcycles), allowing for the limitation of false alarms on line crossing, area intrusion, and motion detection. For increasingly reliable and stable detections in complex and variable conditions.

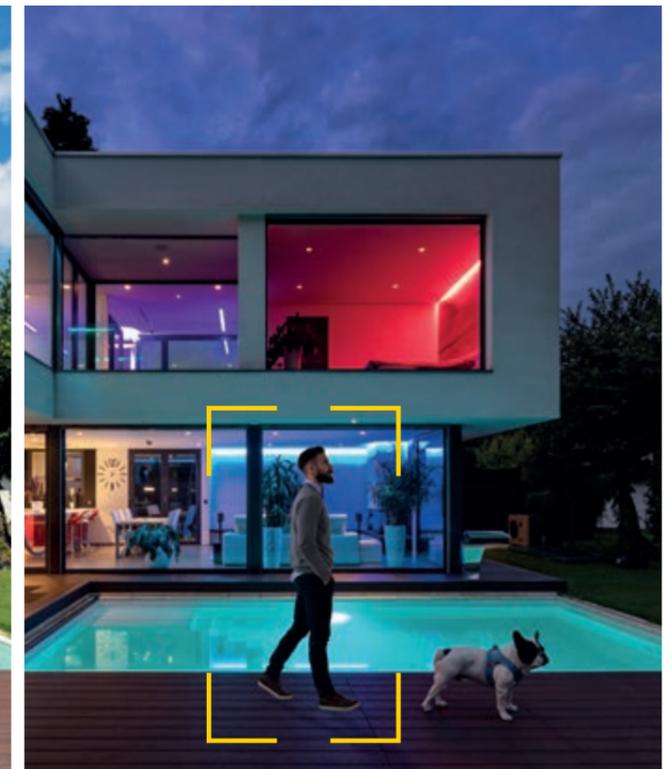


Smart detections from video analysis

Video anomaly (fault or tampering), abandoned or removed object, perimeter protection (line crossing and area intrusion) with a differentiator specifying if the event was caused by a person, a vehicle, a bicycle, or a motorcycle.



Target recognition function with size recognition: the cameras only detect people, while pets below the set detection threshold are not reported.



Stop false alarms thanks to the target recognition function and detection size definition. Now you can limit false alarms on line crossing, area intrusion, and motion detection.

Number plate reading camera for secure control and entrance management.

Ideal for applications in the service and hospitality sectors.



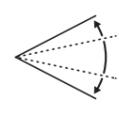
A new **IP camera is available to control entrances and open gates by reading number plates.** The number plate recognition function with notifications and controls is supported by a database with whitelists/blacklists that can also conveniently be updated from the By-camera App. Its use is ideal for managing parking in accommodation facilities, residential complexes, villas, or offices and shops.

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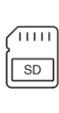
Superior light sensitivity
with lens up to F1.6 and sensor up to 0.005 Lux.
- 

Operates at extreme temperatures
-30°C /+60°C
- 

IP67
Water and dust protection
- 

Full-HD Resolution (1080p)
- 

Varifocal (with motor-driven lens)
- 

Advanced video analysis
- 

250 GB SD-card to ensure a backup of the recording



IP Plus Bullet cameras for controlling entrances and opening gates. 2.8-12 mm motor-driven varifocal lens, Smart IR, PoE or 12 VDC power supply.



Flexibility and installation freedom.
The new camera can also be **set to search for vehicles by colour**, type, and make, in the following modes:
Stand alone (even in off-line mode, with guaranteed operation even without an Internet connection); with NVR recorder and By-camera App. It easily integrates with the access control system via the **Wiegand** interface.

New NVR recorders and firmware.

Specific solutions to guarantee high professionalism.



Easier installation and management of CCTV systems with the new 32-channel NVR recorder, which ensures smooth images even at full load, and the **new firmware (1.4.11)**, available for the entire NVR range on the website with new supporting functions for the new cameras.

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Scalability of functions
(with updatable firmware)
- 

Professional HDDs
(24/7 operation)
- 

HDMI output up to 8K
- 

Advanced video analysis
- 

Conforming to the NDA A standard
(National Defense Authorization Act)



NVR recorders with scalable performance and functions.
Recording resolution up to 16 Mpx in Real Time on all channels, professional HDDs specific for CCTV, HDMI output up to 8K, 2 x 1 Gbps network ports and bandwidth up to 640 Mbps to ensure smooth images.

Advanced video analysis.
They support all video analysis functions available in the cameras, allowing for rapid event searching in targeted mode by event or by metadata.

Facilitated installation:
quick addition of cameras with activation and IP address assignment in bulk.

Everything under control.
Fast and secure technical support with the new procedure that allows the generation of temporary credentials to authorise the support service to access devices in a controlled manner.

Multiple control platforms.
Usable and configurable locally and remotely via web browser, smartphone App, and CVM CCTV Manager software for PC.



Simplified entrance management. Easy updating over time.
From the By-camera App, available in stores, in addition to live view and playback, you can enter **new number plates into the database (up to 10,000)**, search **recordings by Number Plate** and create whitelists / blacklists to authorise the opening of entrances.

To facilitate maintenance.
Systems can be conveniently managed remotely, also via the By-camera App. It is possible to adjust the main settings, such as modifying the recording mode, setting alarms, event notifications, and with the new firmware for NVR, also configuring perimeter protection events (e.g., line crossing, area intrusion).



Bullet IP 4 Mpx cameras



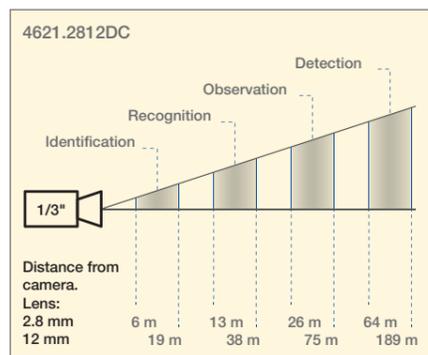
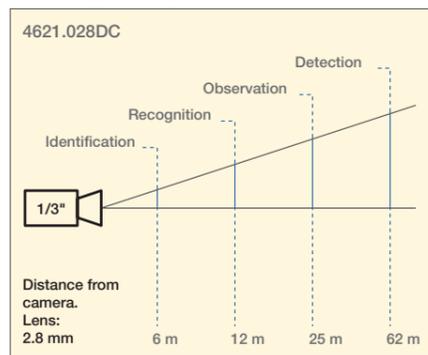
NDAAs Built-in microphone



NDAAs Built-in microphone

Code	4621.028DC	4621.2812DC motor-driven
Sensor	1/3" CMOS	1/3" CMOS
Resolution	4 Mpx - 2560 x 1440	4 Mpx - 2560 x 1440
Sensitivity	0.005 lux @F1.6, AGC ON; 0 lux (IR LED ON)	0.005 lux @F1.6, AGC ON; 0 lux (IR LED ON)
Video compression	H.264, H.265, MJPEG	H.264, H.264+, H.265, H.265+, MJPEG
Day & night	ICR	ICR
Lens	2.8 mm @ F1.6 (94°)	2.8-12 mm @ F1.6 (92° - 31°) Motor-driven
Primary frame rate	25 Fps (2560 x 1440) 25 Fps (2304 x 1296) 25 Fps (1920 x 1080) 25 Fps (1280 x 720)	25 Fps (2560 x 1440) 25 Fps (2304 x 1296) 25 Fps (1920 x 1080) 25 Fps (1280 x 720)
Secondary frame rate	25 Fps (1280 x 720) 25 Fps (D1) 25 Fps (CIF) 25 Fps (480 x 240)	25 Fps (1280 x 720) 25 Fps (D1) 25 Fps (CIF) 25 Fps (480 x 240)
Bit Rate	64 Kbps ~ 6 Mbps	64 Kbps ~ 6 Mbps
SD card	Yes, not included (256 GB max)	Yes, not included (256 GB max)
In / out audio	1/0 (built-in MIC)	1/0 (built-in MIC)
In / out alarm	0/0	0/0
CVBS video output	No	No
Smart video analysis	Anomaly: blur, scene change, abnormal colour - abandoned or removed object - line crossing - area intrusion	Anomaly: blur, scene change, abnormal colour - abandoned or removed object - line crossing - area intrusion
Functions	WDR, Smart IR, 3D-DNR, Privacy Mask, Motion, HLC, BLC, SMD	WDR, Smart IR, ROI, 3D-DNR, Privacy Mask, Motion, HLC, BLC, SMD, Defog
WDR	Real WDR (120 dB)	Real WDR (120 dB)
ROI	8	8
Zone Privacy	4	4
Supported browsers	Browser IE, Google Chrome, Edge, Firefox, Safari, CMS for remote control	Browser IE, Google Chrome, Edge, Firefox, Safari, CMS for remote control
White light Smart IR	20 - 30 m	30 - 50 m
IP degree	IP67	IP67
Temperature range	-30°C / +60°C	-30°C / +60°C
Power supply/consumption	12 VDC 330 mA, 4 W IEEE802.3af PoE	12 VDC 580 mA, 7 W IEEE802.3af PoE
Dimensions mm	75 x 75 x 168	81 x 81 x 218
Weight (g)	435	640
Pole bracket	46917.005	46917.005
Contact box	46922.040	46922.040
Notes	RTSP*, multi-stream. ONVIF Profile G M S T Compatible	RTSP*, multi-stream. ONVIF Profile G M S T Compatible

DORI system parameters



* RTSP: function for direct connection to the By-me Plus home automation system, as an additional camera for IP video door entry systems or as video checking in View App with the By-alarm Plus system.



Dome 4 Mpx IP cameras



NDAAs Built-in microphone

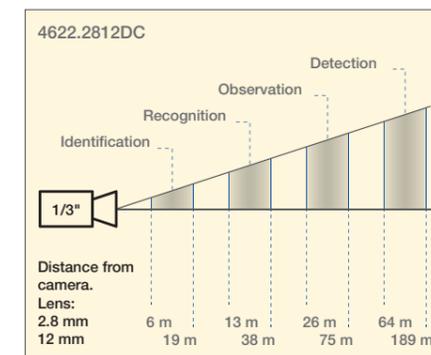
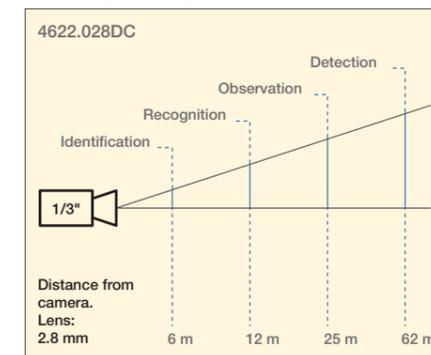


NDAAs Built-in microphone

Code	4622.028DC	4622.2812DC motor-driven
Sensor	1/3" CMOS	1/3" CMOS
Resolution	4 Mpx - 2560 x 1440	4 Mpx - 2560 x 1440
Sensitivity	0.005 lux @F1.6, AGC ON; 0 lux (IR LED ON)	0.004 lux @F1.6, AGC ON; 0 lux (IR LED ON)
Video compression	H.264, H.265, H.265+, MJPEG	H.264, H.264+, H.265, H.265+, MJPEG
Day & night	ICR	ICR
Lens	2.8 mm @ F1.6 (94°)	2.8 - 12 mm @ F1.6 (92° - 31°) Motor-driven
Primary frame rate	25 Fps (2304 x 1296) 25 Fps (1920 x 1080) 25 Fps (1280 x 720)	25 Fps (2304 x 1296) 25 Fps (1920 x 1080) 25 Fps (1280 x 720)
Secondary frame rate	25 Fps (1280 x 720) 25 Fps (704 x 576) 25 Fps (640 x 480) 25 Fps (352 x 288)	25 Fps (1280 x 720) 25 Fps (704 x 576) 25 Fps (640 x 480) 25 Fps (352 x 288)
Bit Rate	64 Kbps ~ 6 Mbps	64 Kbps ~ 6 Mbps
SD card	Yes, not included (256 GB max)	Yes, not included (256 GB max)
In / out audio	1/0 (built-in MIC)	1/0 (built-in MIC)
In / out alarm	0/0	0/0
CVBS video output	No	No
Smart video analysis	Anomaly: blur, scene change, abnormal colour - abandoned or removed object - line crossing - area intrusion	Anomaly: blur, scene change, abnormal colour - abandoned or removed object - line crossing - area intrusion
Functions	WDR, smart IR, 3D-DNR, ROI, privacy mask, motion, HLC, BLC, SMD	WDR, smart IR, 3D-DNR, ROI, privacy mask, motion, HLC, BLC, SMD
WDR	Real WDR (120 dB)	Real WDR (120 dB)
ROI	8	8
Zone Privacy	4	4
Supported browsers	Browser IE, Google Chrome, Edge, Firefox, Safari, CMS for remote control	Browser IE, Google Chrome, Edge, Firefox, Safari, CMS for remote control
White light Smart IR	20 - 30 m	30 - 50 m
IP degree	IP67	IP67
Temperature range	-30°C / +60°C	-30°C / +60°C
Power supply/consumption	12 VDC 330 mA, 4 W IEEE802.3af PoE	12 VDC 580 mA, 7 W IEEE802.3af PoE
Dimensions mm	ø 95 x 83	ø 112 x 100
Weight (g)	430	625
Contact box	46922.040	46922.041
Notes	RTSP*, multi-stream. ONVIF Profile G M S T Compatible	RTSP*, multi-stream. ONVIF Profile G M S T Compatible

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DORI system parameters





Bullet IP 6 Mpx cameras



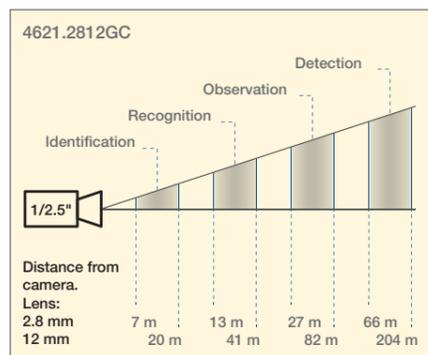
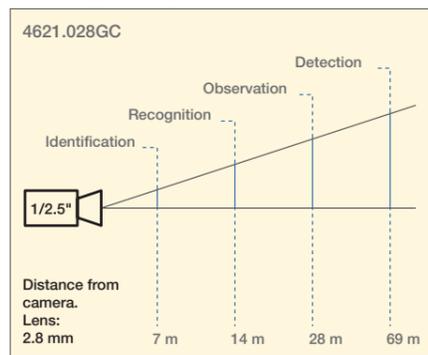
NDAA Built-in microphone



NDAA Built-in microphone

Code	4621.028GC	4621.2812GC motor-driven
Sensor	1/2.5" CMOS	1/2.5" CMOS
Resolution	6 Mpx - 3200 x 1800	6 Mpx - 3200 x 1800
Sensitivity	0.008 lux @F1.6, AGC ON; 0 lux (IR LED ON)	0.007 lux @F1.6, AGC ON; 0 lux (IR LED ON)
Video compression	H.264, H.265, H.265+, MJPEG	H.264, H.264+, H.265, H.265+, MJPEG
Day & night	ICR	ICR
Lens	2.8 mm @ F1.6 (104°) Motor-driven	2.8-12 mm @ F1.6 (108° - 36°) Motor-driven
Primary frame rate	25 Fps (3200 x 1800) 25 Fps (2880 x 1624) 25 Fps (2688 x 1520) 25 Fps (1920 x 1080)	25 Fps (3200 x 1800) 25 Fps (2880 x 1624) 25 Fps (2688 x 1520) 25 Fps (1920 x 1080)
Secondary frame rate	25 Fps (1280 x 720) 25 Fps (D1) 25 Fps (CIF) 25 Fps (480 x 240)	25 Fps (1280 x 720) 25 Fps (D1) 25 Fps (CIF) 25 Fps (480 x 240)
Bit Rate	64 Kbps ~ 8 Mbps	64 Kbps ~ 8 Mbps
SD card	Yes, not included (256 GB max)	Yes, not included (256 GB max)
In / out audio	1/0 (built-in MIC)	1/0 (built-in MIC)
In / out alarm	0/0	1/1
CVBS video output	No	No
Smart video analysis	Anomaly: blur, scene change, abnormal colour - abandoned or removed object - line crossing - area intrusion	Anomaly: blur, scene change, abnormal colour - abandoned or removed object - line crossing - area intrusion
Functions	3D-DNR, motion, HLC, BLC, Defog	WDR, smart IR, ROI, 3D-DNR, mask, motion, HLC, BLC, SMD, Defog
WDR	Real WDR (120 dB)	Real WDR (120 dB)
ROI	8	8
Zone Privacy	4	4
Supported browsers	Browser IE, Google Chrome, Edge, Firefox, Safari, CMS for remote control	Browser IE, Google Chrome, Edge, Firefox, Safari, CMS for remote control
White light Smart IR	20 - 30 m	30 - 50 m
IP degree	IP67	IP67
Temperature range	-30°C / +60°C	-30°C / +60°C
Power supply/consumption	12 VDC 330 mA, 4 W IEEE802.3af PoE	12 VDC 670 mA, 8 W IEEE802.3af PoE
Dimensions mm	75 x 75 x 168	81 x 81 x 218
Pole bracket	46917.005	46917.005
Contact box	46922.040	46922.040
Weight (g)	435	640
Notes	RTSP*, multi-stream. ONVIF compatible profile S	RTSP*, multi-stream. ONVIF compatible profile S

DORI system parameters



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Dome 6 Mpx IP cameras



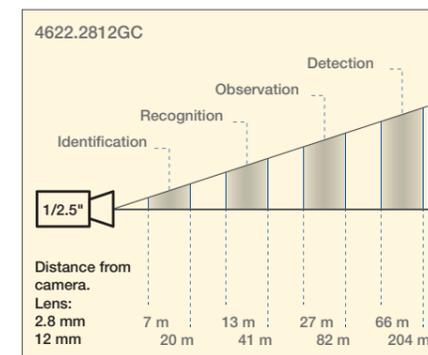
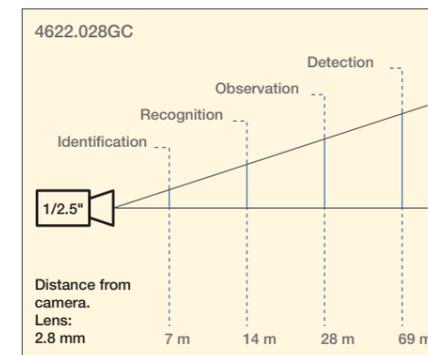
NDAA Built-in microphone



NDAA Built-in microphone

Code	4622.028GC	4622.2812GC motor-driven
Sensor	1/2.5" CMOS	1/2.5" CMOS
Resolution	6 Mpx - 3200 x 1800	6 Mpx - 3200 x 1800
Sensitivity	0.008 lux @F1.6, AGC ON; 0 lux (IR LED ON)	0.008 lux @F1.6, AGC ON; 0 lux (IR LED ON)
Video compression	H.264, H.265, H.265+, MJPEG	H.264, H.264+, H.265, H.265+, MJPEG
Day & night	ICR	ICR
Lens	2.8 mm @ F1.6 (104°)	2.8-12 mm @ F1.6 (108° - 36°) Motor-driven
Primary frame rate	25 Fps (3200 x 1800) 25 Fps (2880 x 1624) 25 Fps (2688 x 1520) 25 Fps (1920 x 1080)	25 Fps (3200 x 1800) 25 Fps (2880 x 1624) 25 Fps (2688 x 1520) 25 Fps (1920 x 1080)
Secondary frame rate	25 Fps (1280 x 720) 25 Fps (D1) 25 Fps (CIF) 25 Fps (480 x 240)	25 Fps (1280 x 720) 25 Fps (D1) 25 Fps (CIF) 25 Fps (480 x 240)
Bit Rate	64 Kbps ~ 8 Mbps	64 Kbps ~ 8 Mbps
SD card	Yes, not included (256 GB max)	Yes, not included (256 GB max)
In / out audio	1/0 (built-in MIC)	1/0 (built-in MIC)
In / out alarm	0/0	0/0
CVBS video output	No	No
QR CODE	Yes	Yes
Smart video analysis	Anomaly: blur, scene change, abnormal colour - abandoned or removed object - line crossing - area intrusion	Anomaly: blur, scene change, abnormal colour - abandoned or removed object - line crossing - area intrusion
Functions	WDR, smart IR, 3D-DNR, ROI, privacy mask, motion, HLC, BLC, SMD	WDR, smart IR, 3D-DNR, ROI, privacy mask, motion, HLC, BLC, SMD
WDR	Real WDR (120 dB)	Real WDR (120 dB)
ROI	8	8
Zone Privacy	4	4
Supported browsers	Browser IE, Google Chrome, Edge, Firefox, Safari, CMS for remote control	Browser IE, Google Chrome, Edge, Firefox, Safari, CMS for remote control
White light Smart IR	20 - 30 m	30 - 50 m
IP/IK degree	IP67	IP67
Temperature range	-30°C / +60°C	-30°C / +60°C
Power supply/consumption	12 VDC 330 mA, 4 W IEEE802.3af PoE	12 VDC 670 mA, 8 W IEEE802.3af PoE
Dimensions mm	ø 95 x 83	ø 112 x 100
Weight (g)	430	625
Contact box	46922.040	46922.041
Notes	RTSP*, multi-stream. ONVIF Profile G M S T Compatible	RTSP*, multi-stream. ONVIF Profile G M S T Compatible

DORI system parameters



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Bullet IP 8 Mpx cameras



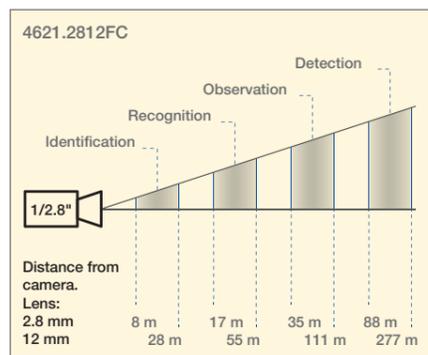
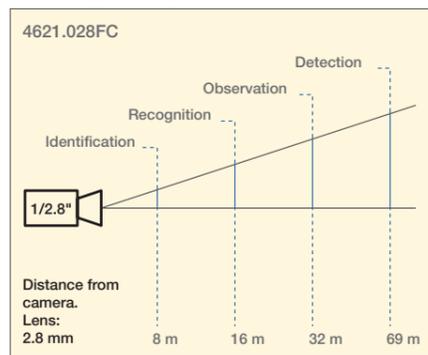
NDAAs Built-in microphone



NDAAs Built-in microphone

Code	4621.028FC	4621.2812FC motor-driven
Sensor	1/2.8" CMOS	1/2.8" CMOS
Resolution	8 Mpx - 3840 x 2160	8 Mpx - 3840 x 2160
Sensitivity	0.02 lux @F1.6, AGC ON; 0 lux (IR LED ON)	0.02 lux @F1.6, AGC ON; 0 lux (IR LED ON)
Video compression	H.264+, H.264, H.265, H.265+, MJPEG	H.264+, H.264, H.265, H.265+
Day & night	ICR	ICR
Lens	2.8 mm @ F1.6 (106°)	2.8-12 mm @ F1.6 (97° - 34°) Motor-driven
Primary frame rate	20 Fps (3840 x 2160) 25 Fps (2560 x 1440) 25 Fps (2304 x 1296) 25 Fps (1920 x 1080) 25 Fps (1280 x 720)	20 Fps (3840 x 2160) 25 Fps (2560 x 1440) 25 Fps (2304 x 1296) 25 Fps (1920 x 1080) 25 Fps (1280 x 720)
Secondary frame rate	25 Fps (1920 x 1080) 25 Fps (1280 x 720) 25 Fps (D1) 25 Fps (CIF) 25 Fps (480 x 240)	25 Fps (1920 x 1080) 25 Fps (1280 x 720) 25 Fps (D1) 25 Fps (CIF) 25 Fps (480 x 240)
Bit Rate	64 Kbps ~ 12 Mbps	64 Kbps ~ 12 Mbps
SD card	Yes, not included (256 GB max)	Yes, not included (256 GB max)
In / out audio	1/0 (built-in MIC)	1/0 (built-in MIC)
In / out alarm	0/0	0/0
CVBS video output	No	No
Smart video analysis	Anomaly: blur, scene change, abnormal colour - abandoned or removed object - line crossing - area intrusion	Anomaly: blur, scene change, abnormal colour - abandoned or removed object - line crossing - area intrusion
Functions	WDR, Smart IR, 3D-DNR, ROI, Privacy Mask, Motion, HLC, BLC, SMD	WDR, Smart IR, 3D-DNR, ROI, Privacy Mask, Motion, HLC, BLC, SMD
WDR	Real WDR (120 dB)	Real WDR (120 dB)
ROI	8	8
Zone Privacy	4	4
Supported browsers	Browser IE, Google Chrome, Edge, Firefox, Safari, CMS for remote control	Browser IE, Google Chrome, Edge, Firefox, Safari, CMS for remote control
White light Smart IR	30 - 50 m	30 - 50 m
IP degree	IP67	IP67
Temperature range	-30°C / +60°C	-30°C / +60°C
Power supply/consumption	12 VDC 500 mA, 6 W IEEE802.3af PoE	12 VDC 500 mA, 6 W IEEE802.3af PoE
Dimensions (mm)	80 x 80 x 218	80 x 80 x 218
Weight (g)	640	640
Pole bracket	46917.005	46917.005
Contact box	46922.040	46922.040
Notes	RTSP*, multi-stream. ONVIF Profile G M S T Compatible	RTSP*, multi-stream. ONVIF Profile G M S T Compatible

DORI system parameters



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Dome 8 Mpx IP cameras



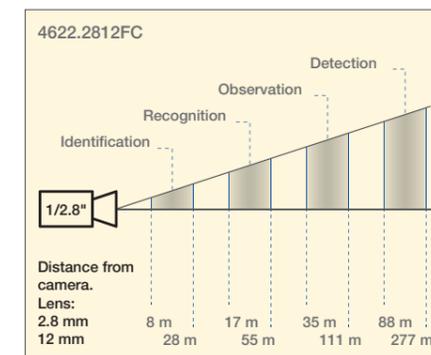
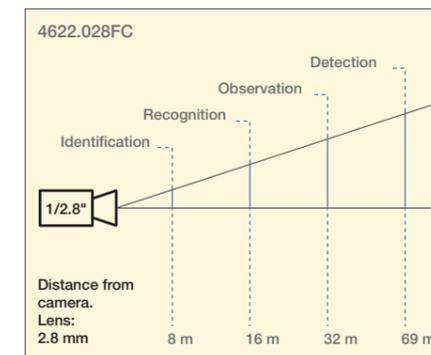
NDAAs Built-in microphone



NDAAs Built-in microphone

Code	4622.028FC	4622.2812FC motor-driven
Sensor	1/2.8" CMOS	1/2.8" CMOS
Resolution	8 Mpx - 3840 x 2160	8 Mpx - 3840 x 2160
Sensitivity	0.02 lux @F1.6, AGC ON; 0 lux (IR LED ON)	0.02 lux @F1.6, AGC ON; 0 lux (IR LED ON)
Video compression	H.264, H.265+, H.265, H.265+, MJPEG	H.264, H.265+, H.265, H.265+, MJPEG
Day & night	ICR	ICR
Lens	2.8 mm @ F1.6 (106°)	2.8 - 12 mm @ F1.6 (97° - 34°) Motor-driven
Primary frame rate	20 Fps (3840 x 2160) 25 Fps (3072 x 2048) 25 Fps (2592 x 1944) 25 Fps (2592 x 1520) 25 Fps (2560 x 1440) 25 Fps (2304 x 1296) 25 Fps (1920 x 1080) 25 Fps (1280 x 720)	20 Fps (3840 x 2160) 25 Fps (3072 x 2048) 25 Fps (2592 x 1944) 25 Fps (2592 x 1520) 25 Fps (2560 x 1440) 25 Fps (2304 x 1296) 25 Fps (1920 x 1080) 25 Fps (1280 x 720)
Secondary frame rate	25 Fps (1280 x 720) 25 Fps (704 x 480) 25 Fps (480 x 240)	25 Fps (1280 x 720) 25 Fps (704 x 480) 25 Fps (480 x 240)
Bit Rate	64 Kbps ~ 12 Mbps	64 Kbps ~ 12 Mbps
SD card	Yes, not included (256 GB max)	Yes, not included (128 GB max)
In / out audio	1/0 (built-in MIC)	1/0 (built-in MIC)
In / out alarm	0/0	0/0
CVBS video output	No	No
Smart video analysis	Anomaly: blur, scene change, abnormal colour - abandoned or removed object - line crossing - area intrusion	Anomaly: blur, scene change, abnormal colour - abandoned or removed object - line crossing - area intrusion
Functions	WDR, smart IR, 3D-DNR, ROI, privacy mask, motion, HLC, BLC, SMD	WDR, smart IR, 3D-DNR, ROI, privacy mask, motion, HLC, BLC, SMD
WDR	Real WDR (120 dB)	Real WDR (120 dB)
ROI	8	8
Zone Privacy	4	4
Supported browsers	Browser IE, Google Chrome, Edge, Firefox, Safari, CMS for remote control	Browser IE, Google Chrome, Edge, Firefox, Safari, CMS for remote control
White light Smart IR	20 - 30 m	30 - 50 m
IP/IK degree	IP67	IP67
Temperature range	-30°C / +60°C	-30°C / +60°C
Power supply/consumption	12 VDC 500 mA, 6 W IEEE802.3af PoE	12 VDC 750 mA, 9 W IEEE802.3af PoE
Dimensions (mm)	ø 95 x 83	ø 112 x 100
Weight (g)	430	625
Contact box	46922.040	46922.041
Notes	RTSP*, multi-stream. ONVIF Profile G M S T Compatible	RTSP*, multi-stream. ONVIF Profile G M S T Compatible

DORI system parameters



* RTSP: function for direct connection to the By-me Plus home automation system, as an additional camera for IP video door entry systems or as video checking in View App with the By-alarm Plus system.



Bullet 2 Mpx IP cameras, number plate reading



NDAA

Code	4621.2812LPR motor-driven
Sensor	1/1.8" CMOS
Resolution	2 Mpx - 1920 x 1080
Sensitivity	0.001 lux @F1.6 , AGC ON; 0 lux (IR LED ON)
Video compression	H.264, H.264+, H.265, H.265+, MJPEG
Day & night	ICR
Lens	2.8-12 mm @ F1.6 (109° - 48°) Motor-driven
Primary frame rate	25 Fps (1920 x 1080) 25 Fps (1280 x 720) 50 Fps (1920 x 1080) ** 50 Fps (1280 x 720) **
Secondary frame rate	25 Fps (1280 x 720) 25 Fps (D1) 25 Fps (CIF) 25 Fps (480 x 240)
Bit Rate	64 Kbps - 6 Mbps
SD card	Yes, not included (256 GB max)
In / out audio	1/1
In / out alarm	1/1
CVBS video output	Yes
Smart video analysis	Anomaly: blur, scene change, abnormal colour - number plate reading
Functions	Real WDR, Smart IR, ROI, 3D-DNR, Privacy Mask, Motion, HLC, BLC, Defog
WDR	Real WDR (120 dB)
ROI	8
Zone Privacy	4
Supported browsers	Browser IE, Google Chrome, Edge, Firefox, Safari, CMS for remote control
Smart IR	50 - 70 m
IP degree	IP67
Temperature range	-30°C / +60°C
Power supply/consumption	12 VDC 900 mA, 11 W IEEE802.3af PoE
Dimensions mm	100 x 89 x 280
Weight (g)	1115
Pole bracket	46917.005
Contact box	46922.041
Notes	RTSP*, multi-stream. ONVIF Profile G M S Compatible

* **RTSP**: function for direct connection to the By-me Plus home automation system, as an additional camera for IP video door entry systems or as video checking in View App with the By-alarm Plus system.

** **HFR mode**: capture every detail, can record to SD card with 2 Mpx resolution and high frame rates, up to 50 fps, ideal function for still images.



NVR Real Time



Model	46NVR.32N
Video input	32 Ch
PoE ports	No
Hard disk drive	2 TB Professional
Fisheye camera	No
Recording resolution	12 Mpx 32 CH @ 20 Fps per CH Real time 9 Mpx 32 CH @ 25 Fps per CH
Video compression	H.264 - H.265 - H.265+ - H.265S
Operating mode	Pentaplex
Input/Output Bandwidth	320/320 (Mbps)
Video output	2 HDMI, 1 VGA
In / out audio	1 / 1
VGA / HDMI resolution	1080p / 4K - 1080p
In / out alarm	8 / 4 (46936.001)
Network interface	2 RJ45 - 10/100/1000Mbps
Hard drive interface	2 SATA (max 10 TB)
USB interface	3 (2x 2.0 + 1 x 3.0)
RS485	Yes
PTZ control	Yes
CVM CCTV Manager	Yes
QR CODE	Yes
Control via smartphone	Android, iPhone
Video analysis	Yes *
Privacy filter	Yes
Interface	mouse, remote control
Power supply/consumption (not including PoE and HDD)	+12 V / 25 W
Operating temperature	0 °C - +50 °C
Cooling fan	Yes
Dimensions (mm)	380 x 268 x 45
Weight (kg)	1.5 (not including HDD)
Notes	1 rack unit

* Compatible with cameras with smart video analysis.

IP CCTV kit - 4 and 8 channels



46KIT.028DC

CCTV kit consisting of:

- 1 NDAA conforming 4-channel NVR, H.265 compression, 4ch@6Mpx HD Real Time recording, built-in PoE switch with 4 ports and Plug&Play configuration, remote viewing and control with QR CODE. Professional 1 TB HDD
- 2 **4621.028DC**: colour Day & Night cameras, 4 Mpx, mechanical IR filter, with fixed 2.8 lens
- 1 **46927.003**: ' Area under video surveillance ' sign



46KIT.2812DC

CCTV kit consisting of:

- 1 NDAA compliant 8-channel NVR, H.265 compression, 8ch@6Mpx Real Time recording, built-in 8-port PoE at/at switch, remote control and viewing, remote connection with QR CODE, 1 TB professional HDD, Plug&Play configuration
- 2 **4621.2812DC**: colour Day & Night cameras, 4 Mpx, mechanical IR filter, with 2.8-12 mm varifocal lens
- 1 **46927.003**: ' Area under video surveillance ' sign

Vimar reserves the right to change the specifications of the products described at any time and without prior notice.
Due to the graphic layout, the photos and drawings of the products are not represented with equivalent proportions. All the images are purely for illustration purposes.

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