



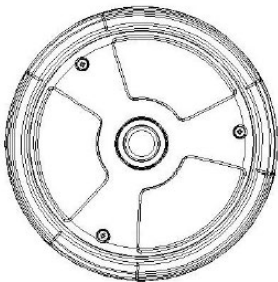
## The performance features at a glance

- GXi: Integrated Videoanalytics
- 1.2mm lens, 180° wide view angle horizontal
- Full-HD resolution
- 25 frames per second @ Full-HD
- Dualstream
- H.264 and MJPEG compression



## High versatility

The ZN-D212XE provides a big overview thanks to its 180° angle of vision. This highly compact camera is designed for indoor use and facilitates a comprehensive form of surveillance.



## Outstanding advantages

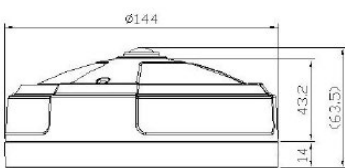
The Dome camera works with a choice of either the H.264 compression or using the MJPEG procedure. In addition to this, in full HD resolution, 25 images per second are possible.

## High-performance technology

The camera, which also has dual-stream capability, also has a Micro SD slot. Individual images, for instance, can be backed-up locally on it. A two-way audio function, which uses compression standard G.711, is also provided.

## Other special features

A wide range of analysis functions are also integrated. These can be optionally enhanced if required. These include a counting function, the recognition of camera manipulation and much more.



(Unit: mm)

## Order data

Order number	Product description
ZN-D212XE	H.264 indoor dome, Full-HD, 25fps, 1.2mm lens, electronic day-/nightswitching, color 0.5 lux, bw 0.001 Lux (32x Sens-up), Videoanalysis integrated, further functions optional

# H.264 IP-Dome ZN-D212XE



## Advantages for the installer

Along with PoE, 12 V DC are also supported. It is possible to access the configuration menu via Internet Explorer. In this way, adapting to the requirements occurs in a fast and targeted manner.

Technical specifications	ZN-D212XE
Image sensor	1/2.7" 1080p CMOS
Compression format	H.264, MJPEG
Max. resolution	1920 x 1080
Resolution options	1920 x 1080, 1280 x 720, 800 x 450, 480 x 270, 320 x 180
Effective pixel	1920 x 1080
Video framerate	Up to 25fps
Lens	1.2mm F2.0
Field of view	180° horizontal, 160° vertical
Video out	Analog Video Out (for installation)
Alarm in/output	1 / 1
Audio in/output	1 / 1
Audio codec	G.711
Day/night switching	Electronically
Minimum illumination	Color : 0.5 lux, BW : 0.001 lux (Sens-up 32x)
Network connection	10 / 100 Base-T
Protocols	QoS Layer 3 DiffServ, TCP/IP, UDP/IP, HTTP, RTSP, RTP, RTCP, RTP/UDP, RTP/TCP, mDNS, UPnP™, SMTP, DHCP, DNS, DynDNS, NTP, SNMPv1/v2c/v3(MIB-II), IGMP, ICMP, SSLv2/v3, TLSv1
SD-card	Yes
Motion detection	Yes
Operating voltage	12VDC
PoE	Yes (IEEE 802.3af)
Power consumption	500mA @ 12VDC
Operating environment	0°C ~ 50°C
Housing material	Polycarbonate (ivory)
Weight	360g

### Video Content Analysis included:

- Advanced Tracking Algorithm
- Detection Zones
- Real-time Display of Tracking Data and Events

### Video Content Analysis optional, eg:

- Detection of: Direction, Stopping, Enter/Exit, Tailgating, Loitering, Objectwatch
- Perspective Corrected Size and Speed Filters
- Counting Functions and Other Statistics
- Plain XML Format

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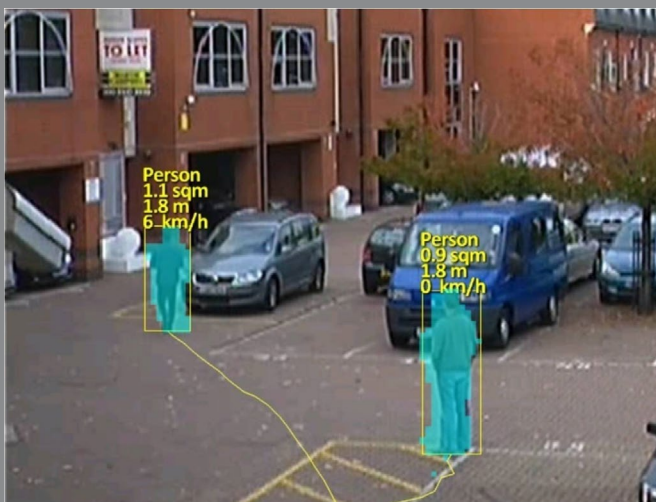
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## Intelligent algorithm:

- Tracking objects ✓
- Counting (vehicles, people) ✓
- Loitering detection ✓
- Video stabilization ✓
- Classification ✓
- Object watch ✓
- Tamper detection ✓
- Auto-tracking (PTZ-Domes) ✓

## VCA - A brief description

Video Content Analysis is an active component which can analyse the content of the liveimage. It goes far beyond a simple motion detection. Our VCA has a complex algorithm which is capable of performing several tasks like counting or tracking.

## VCA - Where and why?

There are many applications where VCA comes into play. Think of counting vehicles which use a specific road. Think of a store whose owner wants to know the number of visitors. Think of detecting objects removed or put into place. Many more situations make our powerful VCA useful. Trust VCA and let it do the job it's made for.

## VCA - Complicated and expensive?

The intelligent algorithm, an user friendly setup via browser and helpful tools support you during the setup. Several analytics are already included as a standard like intruder and perimeter detection, camera shake cancellation and camera temper detection.

Optional are more analytics available as mentioned on top, like loitering detection.

Many sample videos of GXi technology in use are available on our [Youtube channel](#).

