

IP STANDARD

CS mount cameras ZN-Y11VPE, ZN-NH11VPE, ZN-NHW11VPE

IP SYSTEMS AND TRANSMISSION

IP Standard H.264

- CS mount camera series (colour cameras, true day/night cameras and WDR cameras)
- H.264 compression
- 550 TV lines
- Dual stream
- Power over Ethernet
- On-screen display
- MicroSD card
- Genetec software compatible



VsoIP
VIDEO SURVEILLANCE
OVER INTERNET PROTOCOL



The CS mount cameras ZN-Y11VPE, ZN-NH11VPE and ZN-NHW11VPE can be used as analogue cameras or integrated into networks. With H.264 compression, they stand out for a perfect combination of high-resolution video picture and low data rate.

All camera models offer the option of producing two independent streams at different compression and/or resolution (dual stream), optionally H.264, MPEG-4 or JPEG, at resolutions from QVGA to D1 (25 frames/sec.). The ZN-VPE series can be powered optionally over Ethernet without an adaptor (PoE) or from the mains.

Additional characteristics of this camera series are a SD card for storing still images and an user-friendly on-screen display

- Lenses
- Cameras
- Protection housings
- Monitors
- Recording equipment
- IP systems and transmission
- Switchers and matrix
- Pan-and-tilt heads
- Motion detectors
- Lighting
- Accessories and service

Model	ZN-Y11VPE NEW!	ZN-NH11VPE NEW!	ZN-NHW11VPE NEW!
Video output	1 Loop Out (BNC)	1 Loop Out (BNC)	1 Loop Out (BNC)
Operating voltage	12 VDC	12 VDC	12 VDC
Power consumption	340 mA	340 mA	340 mA
Image sensor	Sony 1/3" Super HAD CCD	Sony 1/3" Super HAD CCD	Sony 1/3" Super HAD CCD
Effective pixels (H x V)	752 x 582	752 x 582	752 x 582
Min. illumination	0.3 lux (50 IRE, AGC HIGH, DNR HIGH); 0.002 lux (Sens-up X 128)		
Network interface	10/100 BaseT	10/100 BaseT	10/100 BaseT
Image refresh rate	25 fps@D1	25 fps@D1	25 fps@D1
Protocols	TCP/IP, UDP/IP, HTTP, RTSP, RTCP, RTP/ UDP, RTP/TCP, SNTP, mDNS, UPnP, SMTP, SOCK, IGMP, DHCP, DDNS, SSL v2/v3, IEEE 802.1X, SSH		
Compression formats	H.264, MPEG-4, MJPEG	H.264, MPEG-4, MJPEG	H.264, MPEG-4, MJPEG
Weight	270 g	270 g	270 g
Dimensions (W x H x D)	55 mm x 55 mm x 94 mm	55 mm x 55 mm x 94 mm	55 mm x 55 mm x 94 mm

IP SYSTEMS AND TRANSMISSION

IP MEGAPIXEL H.264 DAY/NIGHT

IP Megapixel H.264

- Lenses
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ZN-NH21VE

- High-efficient H.264 image compression as well as M-JPEG
- 1/3"-CCD
- Progressive Scan
- Compatible with analyse software
- Voltage supply via network (Power over Ethernet)
- RS485-interface
- Digital in- and output

The mega pixel camera makes use of its advantages where a continuous and detailed 24 hour observation of larger areas is required, for example on petrol stations or on the premises of logistics companies. Thanks to the H.264 compression, it features a perfect combination of a high-resolution video image and a low data rate.

The camera shows its power in connection with mega pixel lenses, which provide high contrast and sharp images. The cameras full potential is utilised with the high resolution of the mega pixel lenses – even in low light conditions. The optional use of video software, such as VSoIP, provides for an easy recording and evaluation.

Model	ZN-NH21VE NEW!
CCD	1/3.2" (4:3) CMOS 2M
Effective pixels	1600 x 1200 (UXGA, 2M)
Resolution	UXGA, SXGA, HD720, XGA, D1, 4CIF, VGA, CIF, QVGA, QCIF
Lens mount	CS
Day-/night switching	electronic
Min. illumination	0.5 lux (50IRE)
Compression format	H.264, MPEG-4, MJPEG
Dualstream	Dual Stream @ D1
Speicher	MicroSD
Protocols	TCP/IP, UDP/IP, HTTP, RTSP, RTCP, RTP/UDP, RTP/TCP, SNTP, mDNS, UPnP, SMTP, SOCK, IGMP, DHCP, DDNS, SSL v2/v3, IEEE 802.1X, SSH
Audio compression	G.711
Audio input/output	1 / 1
Interfaces	RS-485, USB 2.0 (Mini-B), 10 / 100 Base-T
Operating voltage/PoE	12 VDC / Yes (IEEE 802.3af)
Power consumption	340 mA @ +12V
Operating environment	0°C – 50°C
Dimensions (W x H x D)	55 mm x 55 mm x 94 mm



IP Video Series

- Low-cost entry into IP technology
- MPEG4 IP dome colour camera
- Software contained in the scope of delivery
- Zoom lens 2 – 4 mm



The unobtrusive mini-dome camera ZN-D2024 is particularly suitable for discrete installation indoors and is equipped with a zoom lens, the wide angle of which also permits the monitoring of smaller rooms.

The compression process MPEG4 provides small quantities of data and good picture quality. The resolution is 640 x 480 pixels.

The ZN-D2024 can be put into operation swiftly and simply. The software supplied allows quick access to the live picture and the configuration of the camera.

Model	ZN-D2024PHA
Image sensor	1/4" CMOS
Effective pixels (H x V)	640 x 480
Min. illumination	1.5 lux (F 2.0)
Focal length	2.0 mm – 4.0 mm
Types of resolution	160 x 120; 320 x 240; 640 x 480
Compression format	MPEG-4 for video sequences via UDP, TCP or HTTP, JPEG for freeze frames
Image refresh rate	25 fps
Connection	10/100Base-T
Operating voltage	12 VDC
Power consumption	2.7 W max.
Operating environment	0 °C ~ +40 °C; 20 ~ 80 % humidity, non-condensing
Weight	292 g
Dimensions (W x H x D)	95 mm x 48.5 mm x 160.5 mm
Certifications	CE, FCC, PSE

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