

Available from mid-March!

# VIPCAM-DN101/PX

Our IP camera:  
Fully compatible with GeViScope and re\_reporter



## Product information

This high resolution day/night network camera with automatic IR-cut filter delivers clear sharp pictures even in scenes with widely varying light conditions. Perfect for use near large windows or in entrance halls. No vertical smear effects in the image even when bright lights such as car headlights fall directly on the camera. The first in a new range of products in GEUTEBRÜCK quality. Service - friendly and offering the complete range of high performance DSP capabilities. Provides many functions to relieve the network and reduce storage requirements. Video motion detection (VMD) and activity detection (AD) available as options depending on the platform used.

- | Genuine day/night network camera
- | Hyper Wide dynamic range
- | MPEG4CCTV – video compression perfected for security applications
- | Intelligent bandwidth management (DLS, ICD, RONI)
- | Analog output for servicing
- | Power over Ethernet (PoE) for easy installation
- | Function expansion anytime with easy software upgrades
- | Alarm I/O
- | Activity detection (AD)
- | Video motion detection (VMD)
- | Dual streaming with 25 pictures/s in QCIF, CIF, 2CIF and 4CIF

**GEUTEBRÜCK**

Competence in Video Security

## Intelligent bandwidth management to relieve and reduce storage requirements:

### MPEG4CCTV - Video compression perfected for video security applications!

Compression and decompression in real time with latencies below 120 ms. Outstanding image quality precisely when you need it. Relieves network infrastructure and reduces storage requirements. Data export is password protection and is absolutely manipulation-proof for evidential quality documentation admissible in a court of law.

### Dynamic Live Streaming (DLS)

Only requested data are transmitted. Live pictures are sent in precisely the size the user demands. If the viewing window is enlarged, then more data are sent; if it shrinks, then less data are sent.

### Intelligent Compression Dynamics (ICD)

Pictures without motion usually do not contain any information that is relevant to the user, so are processed with low picture rates and low quality. Pictures with motion are delivered in real time and in the desired resolution and quality.

### Region of Non-Interest (RONI)

Irrelevant areas of an image can be defined flexibly so they can then be processed with lower resolution and higher compression.

## Intelligent video analysis qualifies the image content and alerts in critical situations:

### Activity Detection (AD) - depending on the platform

Reliable video motion detection for indoor as well as selected outdoor applications. Extremely low false alarm rate thanks to reliable suppression of global influences.

### Video Motion Detection (VMD) - depending on the platform

Our professional video motion detection for outdoor applications detects and differentiates according to direction and speed so that, 'allowed' motion, for instance exiting, does not trigger a false alarm.

## Technical data

Image sensor (Chip)	1/3" PIXIM DPS CMOS Sensor
Scanning system	Scanning: Progressive scan Processing for CCIR/PAL: 2 : 1 interlace
Video output	Composite video: 1 Vpp, 75 Ohm (BNC)
LAN-Interface	RJ45 connector, 10/100Base-TX
Transmission	TCP/IP (Transmission Control Protocol)
Compression/Encoding	Pictures directly will be transmitted in a GeViScope compatible data format: M-JPEG MPEG4CCTV
Input and output contact	1 digital input (alarm in) 1 relay output (Max. 30 V DC, 1 A, Resistive load)
Pixel (H x V)	720 x 540 (effective)
Horizontal resolution	520 TV lines
Minimum sensitivity:	
Color	1 Lux / F1.4 (50 IRE) IR cut filter, AGC on
B/W	0.2 Lux / F1,4 (50 IRE) IR pass filter, AGC on
Slow Shutter	On / Off - Picture integration up to 32x (max.)
Digital noise reduction	On / Off
Monitor output selection	Adjustable for CRT-monitors or for TFT-displays
Color / B/W switching	Internal automatic, via contact or manual
Sensor	Picture evaluation possible directly on the fly by using GEUTEBRÜCK analysis methods directly on VIPCAM (depending on the license model of each connected recording unit) Licence/GSC/AD (Activity Detection) , Licence/GSC/VMD (Video Motion Detection)
Voltage supply	12 V DC, 24 V AC $\pm$ 10 % or PoE(IEEE 802.3af)
Dimensions in mm (W x H x D)	62 x 55 x 134
Weight	Approx. 550 g
<b>Order No.</b>	<b>5.05000</b>

Technical alterations reserved

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