CAM2IP

The compact video encoder for GeViScope and re_porter

Product information

Integrate your analog cameras into the network with no hassle and put the intelligent video management where it can relieve the strain on the network the most – close to the camera. Analog indoor interior camera or day/night camera especially suited for use outside — thanks to MPEG4CCTV CAM2IP delivers excellent image quality to the network without putting an unnecessary strain on the network. Depending on the individual platform you may optional also use Video Motion Detection (VMD) / Activity Detection (AD).

| Minimize costs by using already existing camera installation
| Power over Ethernet (PoE) for easy installation
| MPEG4CCTV – video compression perfected for video security applications
| Intelligent bandwidth management (DLS, ICD, RONI)
| Dual Streaming with 25 pictures/s in QCIF, CIF, 2CIF and 4CIF
| Serial RS-422/RS-485 interface for PTZ control and camera setup
| Easily add functionality by means of SW upgrades, also after installation
| Alarm I/O
| Activity Detection (AD)
| Video Motion Detection (VMD)

GEUTEBRÜCK
Competence in Video Security

Intelligent bandwidth management to relieve network 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.
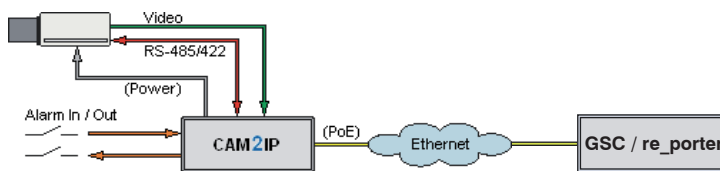
Intelligent video analysis qualifies the image content and alerts in critical situations:

| **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

Video input	BNC-socket
Video standard	CCIR/EIA (PAL/NTSC)
Video signal	Composite video: 1 Vpp, 75 Ohm
Input and output contact	1 digital input (alarm in), 1 relay output
LAN-Interface	RJ45 connector, 10/100Base-TX
Transmission	UDP (User Datagram Protocol)
Compression/Encoding	Pictures directly will be transmitted in a GeViScope compatible data format: M-JPeg, MPEG4CCTV
Sensor	Picture evaluation possible directly on the fly by using GEUTEBRÜCK own analysis methods AD (Activity Detection), VMD (Video Motion Detection)
LED display elements	Ethernet link, Ethernet activity, Video signal activity, Video signal ok, Power
Serial interface	Transparent data interface RS-422 Full-Duplex, RS-485 Halb-Duplex
Power supply CAM2IP	PoE in accordance with IEEE 802.3af or via seperate plug-in mains unit 5 - 15 V DC / 2,5 W (200 mA @ 12 V DC)
Power supply camera	When using PoE, CAM2IP is able to act as power source for the connected camera: Up to 600 mA, 12 V DC
Dimensions in mm (W x H x D)	70 x 25 x 127 (w/o protruding components), 70 x 25 x 163 (size over-all)
Weight	Approx. 270 g
Protective rating	IP20
Operation temperature	0 - 50 °C
Optional accessories	CAM2IP/THR-Adapter (Top Hat Rail mount adapter)
Order No.	**0.34860**

Technical alterations reserved

GEUTEBRÜCK GmbH

Im Nassen 7-9 | D-53578 Windhagen | Tel. +49 (0)2645 137-0 | Fax-999 E-mail: info@geutebrueck.com | Web: **www.geutebrueck.de**