



solutions

Video Surveillance *and* Multimedia Solutions



controlware
communicationssystem

Multimedia over TCP/IP



VLP

2900/4



Applications

Controlware-VLP 2900/4 delivers unidirectional, live video monitoring of remote sites, events, objects and people. The device enables the transmission of video pictures from up to four connected cameras via existing computer networks over any distance. This allows the user to remotely monitor distant events. Offering the advantages of the latest developments in telecommunications and video technology and of relatively low cost, this Video LAN Product (VLP) is ideally suited for all surveillance and security applications.

Public/Urban Security

-surveillance of road traffic, car parks, railroads

Private Security

-surveillance of private premises, estates, entrances

Commercial

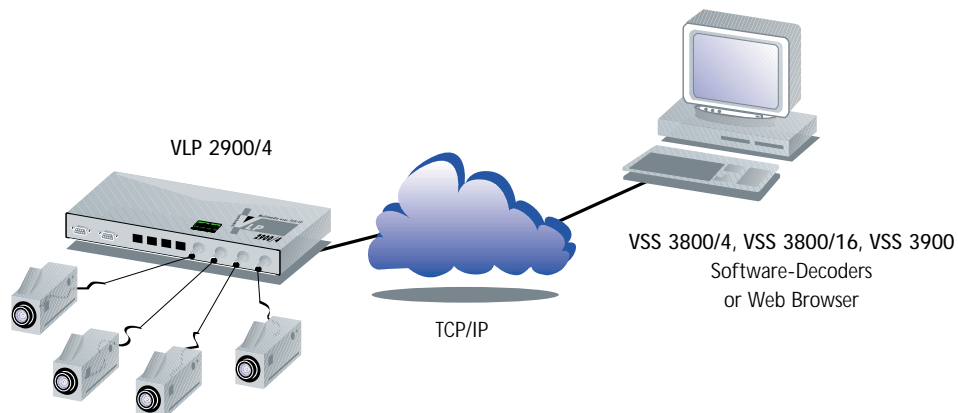
-surveillance of banks, department stores, warehouses, building sites

Medical

-telediagnosis, medical supervision, nursing

Tourism

-checking weather conditions, event information services



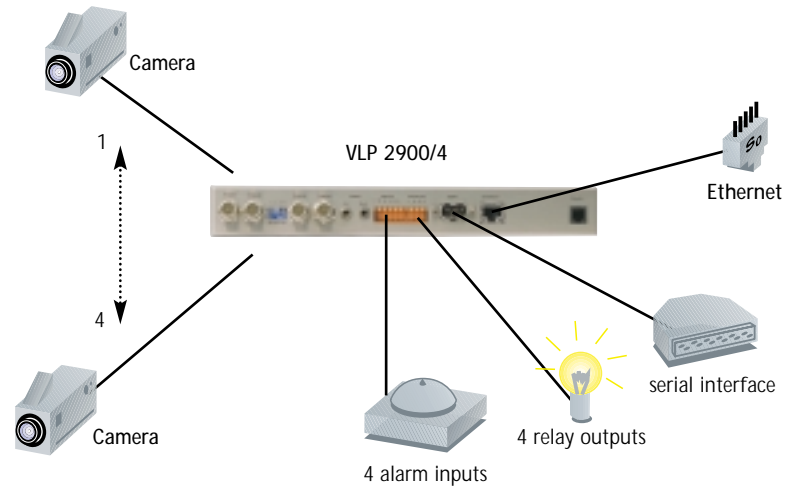
Function

Remote site monitoring is performed using up to four cameras connected to VLP 2900/4. The device automatically verifies the camera's video input signals. When the specified level of motion is exceeded, the integrated motion video sensor within the VLP 2900/4 unit triggers an alarm and automatically transmits live, full video colour and audio signals via any TCP/IP connection (Ethernet or Internet) to the control centre where the video streams can directly be received from the Controlware Video Software Solutions (see separate datasheets) on the supervisor PC.

In order to verify all incoming alarms, VLP 2900/4 is equipped with a built-in video ring buffer which gives a comprehensive alarm history, which allows for screening the past.

Controlware-VLP 2900/4

The VLP 2900/4 enables the connection of up to four cameras with transmission capacity of max. 1 Mbit/s. The VLP 2900/4 is equipped with 4 alarm and control interfaces. Two audio ports are also on board as well as an optional integrated hard disk for local long term recording. The unit has an integrated homepage and can also be accessed with any Web Browser.



Features

- Transmission of video, audio and data via Ethernet (TCP/IP)
- Complies with H.323/H.320 standard (configurable)
- Also MJPEG video compression for Internet/Browser applications (configurable)
- Superior video image quality up to 704 x 576 pixels or max. 30 frames per second with one camera (H.323)
- Transparent, full-duplex data channel (for remote control of pan/tilt/zoom cameras)
- Automatic dialling functions
- Video reception via VSS 3900, VSS 3800/4 or VSS 3800/16 Software
- Integrated motion detection
- Video ring buffer for alarm verification
- Full-duplex audio transmission
- Optional hard disk for long-term recording
- Remote control of internal functions
- Control input for external sensors
- Control output
- Password protection (two levels)



Technical Specifications

Standards & protocols:	TCP, UDP, IP, ARP, ICMP, FTP, HTTP, H.323, H.320
Video resolution:	HIRES 704 x 576 CIF 352 x 288 QCIF 176 x 144
Frame rate:	max. 30 frames/sec.
Video input (sender):	4 x PAL/NTSC, 75 Ohm, 1 Vss
Audio:	input: -32 dBm0 output: -10 to 0 dBm0, 600 Ohm
Serial interface:	bi-directional, RS232/RS422/RS485 (configurable), Sub-D 9-pin
Network interface:	Ethernet: 10BaseT/100BaseT (autosensing), RJ45
Data rate:	10 kbit/s to max. 1 Mbit/s (configurable)
Control input:	4 x potential-free via opto-coupler, 1 x master alarm
Control output:	4 x relay, max. 40 V, 0,8 A
Power supply:	12 VA DC, 2A
Dimensions:	approx. 165 x 260 x 35 mm
Weight:	1,3 kg
Temperature:	5° – 40° C Temperature, 20 – 80 % Humidity
Approvals:	EMV:CE, EN 55022, EN 50082-1, EN 60950, UL, FCC

Your contact:

CWP/MK/SGE Rev. 1.1/02.01

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