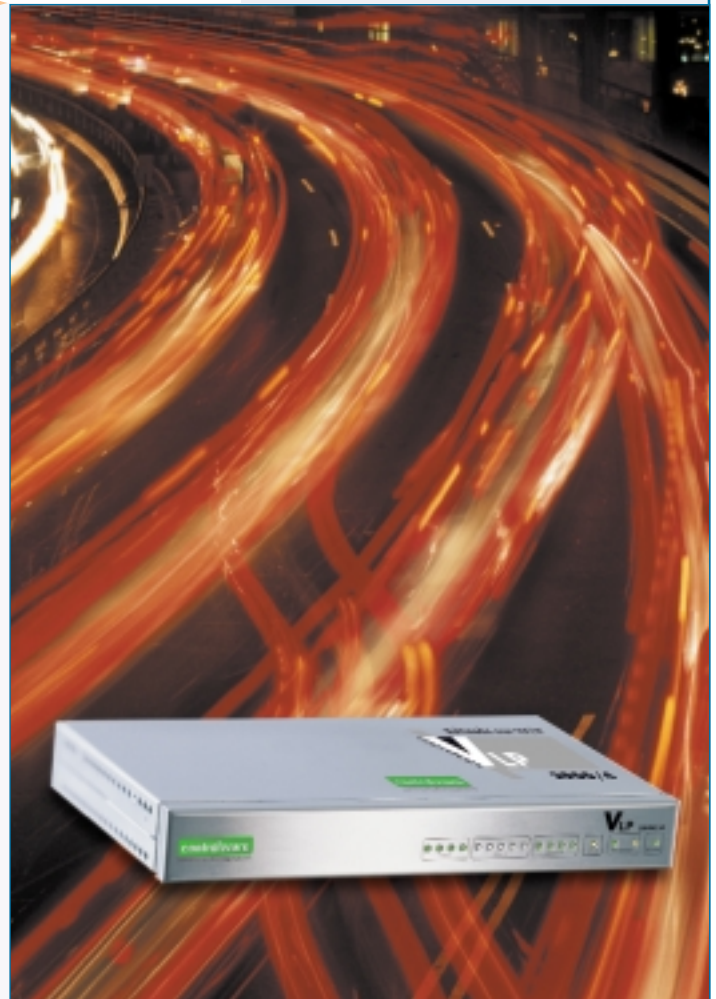# VLP2900 : Video Surveillance and Multimedia solutions

ARITECH

- Transmission of video, audio and data via Ethernet (TCP/IP)

- Complies with H.323 standard

- Superior video image quality up to 704x576 pixels and max. 30 frame per second (VLP 2900/4) or 352 x 288 pixels and max. 25 frames per second (VLP 2900)

- Available in two versions: sender or receiver

- Transparent, full-duplex data channel

- Automatic dialling functions

- Video reception via Video Software Solutions VSS

- Integrated motion detection

- Video ring buffer for alarm verification

- Full-duplex audio transmission (optional)

- Additional hard disk for long-term recording (optional with VLP 2900/4)

- Remote control of internal functions

- Control input for external sensors

- Control output

- Password protection

- Optional X.21 interface or G.703 For 2Mbit/s (VLP 2900)
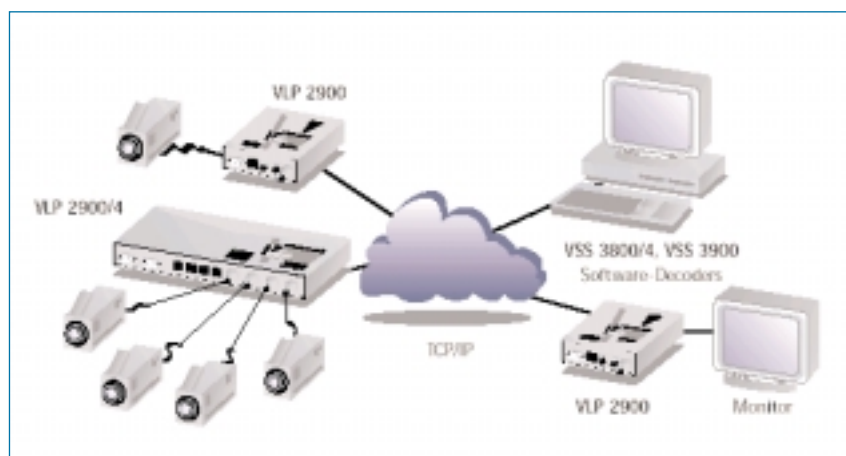
- Easy to use -"plug and play"

Remote site monitoring is performed using a camera connected to VLP 2900. 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 sender 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 either a VLP 2900 receiver will display the video on any standard PAL or NTSC monitor or the video stream can directly be received from the Video Software Solutions (see separate datasheets) on the supervisor PC.

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

VLP 2900/4.
VLP 2900 is either available as single port or four port unit. Our four port unit, VLP 2900/4, enables the connection of up to four cameras with transmission capacity of up to 1Mbit/s each. In addition, VLP 2900/4 is equipped with Ethernet outputs, 4 alarm and control interfaces and a 3-Port Hub.
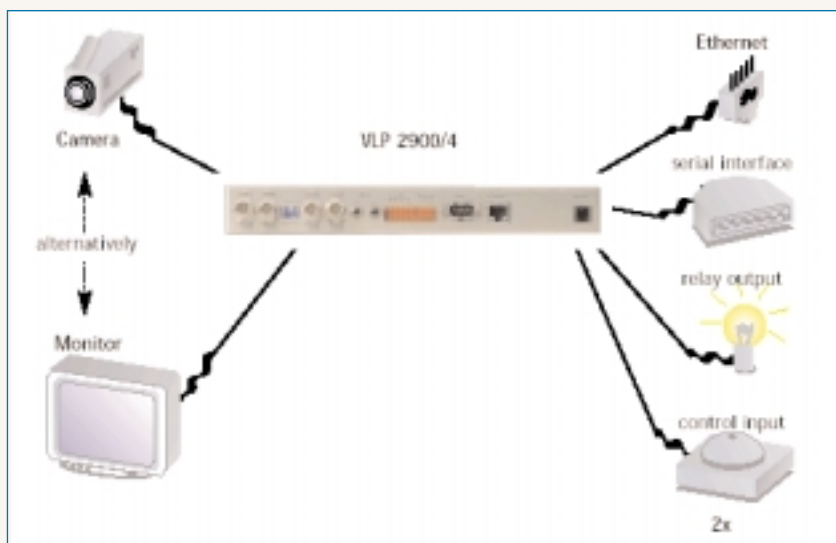
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→ Technical Specifications

Standards & protocols:	H.261, TCP, UDP, IP, ARP, ICMP, FTP, HTTP, H.323 (upgrade)
Video resolution:	HIRES 704x576 (VLP 2900/4) or 352 x 288 pixel (CIF), 176x144 pixel (QCIF)
Frame rate:	max. 30 frames/sec.
Video input (sender):	PAL/NTSC, 75 Ohm, 1 Vss
Video output (receiver):	PAL/NTSC, 75 Ohm, 1 Vss
Audio (option):	input: -32 dBm0, configurable
	output: -10 to 0 dBm0, 600 Ohm
Serial interface:	bi-directional, RS232, Sub-D 9-pin
Network interface:	Ethernet: 10baseT, RJ45 or 10base FL
	X.21 (optional): Sub-D 15 pin
	G.703 (optional)
Data rate:	10kbit/s to 1 Mbit/s (configurable) per camera
Control input:	potential-free via opto-coupler
Control output:	relay, max. 40 V, 0,8 A
Power supply:	5 V DC, 2A
Dimensions:	103 x 103 x 33 mm
Weight:	0,4 kg
Temperature:	5° – 40°C Temperature, 20-80% Humidity
Approvals:	EMV:CE, EN 55022, EN 50082-1, EN 60950

→ 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

VLP 2900 delivers unidirectional, live video monitoring of remote sites, events 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.

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