VAS 2800 : Video Surveillance and Multimedia solutions

ARITECH

- Visual Alarm verification and surveillance via ISDN
- On board ISDN interface (DSS1)
- Video image quality with max. 25 frames per second
- Transparent, full-duplex data channel
- Video reception via Video Software Solutions (VSS)
- Built-in video motion detector
- Full control of connected cameras (e.g. pan/tilt/zoom) and internal functions
- Full-duplex audio transmission (optional)
- Hard disk for long-term recordings (optional)
- Compact video alarm system, wall-mount unit
- Automatic dialing functions
- Complies with ITU-T H.320 standard
- Remote site monitoring performed via up to 6 cameras
- Connection up to 8 external devices (signalling sensors, door contacts, motion detectors, alarms)
- Password protection
- Video ring buffer for alarm verification
- Maintenance and service via telephone
- Alternative alarm verification via GSM and modem

Remote site monitoring is performed via up to six cameras connected to VAS 2800. The device continuously verifies the cameras' video input signals. When the specified level of motion is exceeded, VAS 2800 triggers an alarm and automatically transmits live, full video colour and audio signals via the public ISDN network to the control centre.

In addition to ISDN, connectivity via standard modem or wireless GSM networks yields an alternative wherever ISDN is not available or serves as backup communication path. The full potential of VAS 2800 is unleashed in combination with the Video Software Solutions (VSS) (see separated datasheets), which allows the connection, configuration and management of VAS 2800 and the connected camera directly from a central PC. Additionally, VAS 2800 can be equipped with a battery interface for 12 VDC power supply (option).
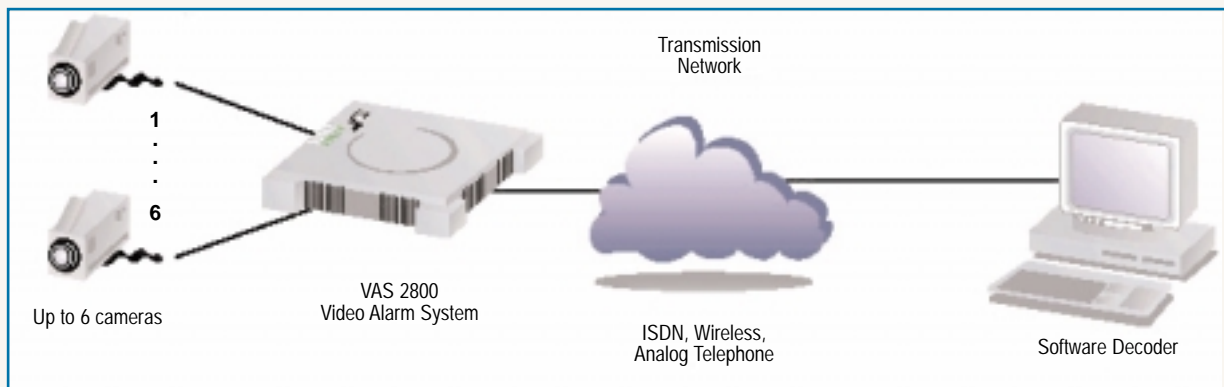
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VAS 2800

→ Technical Specifications

Standards	H.320, H.261, H.221, H.242, H.224
ISDN protocols	DSS1
ISDN interface	RJ45, S 0 -Basic Rate
Video Resolution	352 x 288 pixels
Frame rate	max. 25 frames/s
Video inputs	6 x PAL/NTSC, screw terminals
Video outputs	1 x PAL/NTSC, screw terminals
Data interfaces	2 x RS232, Sub-D 9 pin
Data rate	128 Kbits (2 ISDN B-channels)
Alarm inputs	4+4 potential free, screw terminals
Control outputs	2 x Relays, screw terminals
Display	5 x LED: Conn. B1/B2, Detect, Power, HDD
Dimensions	294 mm x 294 mm x 43 mm
Power supply	100 – 240 V, 10 W, plug power supply
Weight	app. 0.900 kg
Options	12 VDC, Hard disk (4.3 Gb)

→ 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

VAS 2800 delivers unidirectional, live monitoring of remotes sites, events and people.

This wallmount housing, located at the sender side, enables the transmission of video pictures from up to six connected cameras via the ISDN over any distance. The device offers also the option to add a hard disk in order to extend video recording capacity to handle a large quantity of video images. This Video Alarm System (VAS) is not only ideally suited for surveillance of large premises and buildings but also for any application where live video insight leads to added value and savings.