Convison V610 A

Camera inputs	6 FBAS inputs (PAL, NTSC)
Interfaces	2 x RS232, D-Sub 9 connector
Module inputs	1 x key-operated switch, 6 NC inputs for movement detectors, etc.
Alarm outputs	1 x open collector (100mA), 1 x 12V, 500 mA switch output
Audio function	TFE, e.g. TLE051-01 from Siedle
Dome support	e.g. Sensormatic SpeedDome Ultra, Philips G3 AutoDome, Ernitec BDR510, Ernitec BDR550, ECV Telematria
ISDN	Euro ISDN, 64 Kbit/s, channel bundling 128 Kbit/s RJ45 connector, PPP-Protocol
Ethernet	10 Mbit/s, 10 BaseT, RJ45 connector
Image format	JPEG, up to 25 images/s (PAL), JPEG, up to 30 images/s (NTSC)
Image size	192x144, 384x288, 768x288 (with pixel zoom 768x576) pixel
Compression	approx. 3 - 50 Kbyte per image, dependent on size and quality
Pre- / post alarm images	32 images with 192x144 or 16 images with 384x288 pixel resolution
Protocol	TCP/IP, PPP, HTTP Server, FTP Server, FTP Client, SMTP Client
Internet browser	e.g. Netscape Navigator 4.x, Microsoft Explorer 4.x
Internet browser features	HTML 3.2, HTTP 1.0, Java Script 1.2, Java 1.1.8
Configuration / operation	completely thru web browser across HTML
Power supply	external 12 V, 2.5A multi-norm supply 100-240 V (GS,CE,UL,CSA)
Power consumption	10 W
Dimensions, weight	width: 163 mm, height: 80 mm, depth: 185 mm, 1.435 g
Temperature range	0 - 55 °C
Authorizations	CE0682, EN50081, EN50082, EN55022

Convison V611 A
Convision V610 A with integrated GSM modem

GSM network	900 Phase II
Output performance	2 W / Class 4
Network access	internal SIM card (not included in delivery)
Transfer speed	up to 14,400 Baud
Power consumption	10 W, send <2W, receive < 400 mW
Temperature range	0 - 55 °C
Dimensions, weight	width: 163 mm, height: 80 mm, depth: 185 mm, 1.540 g

Convision V610 A
Convision V610 A XL
Convision V610 A XXL

Convision V611 A XL
Convision V611 A XXL

Further product variations (see data sheet Convision V600 A):
Convision V600 A   Base unit of the Convision V600 A Series without hard disk

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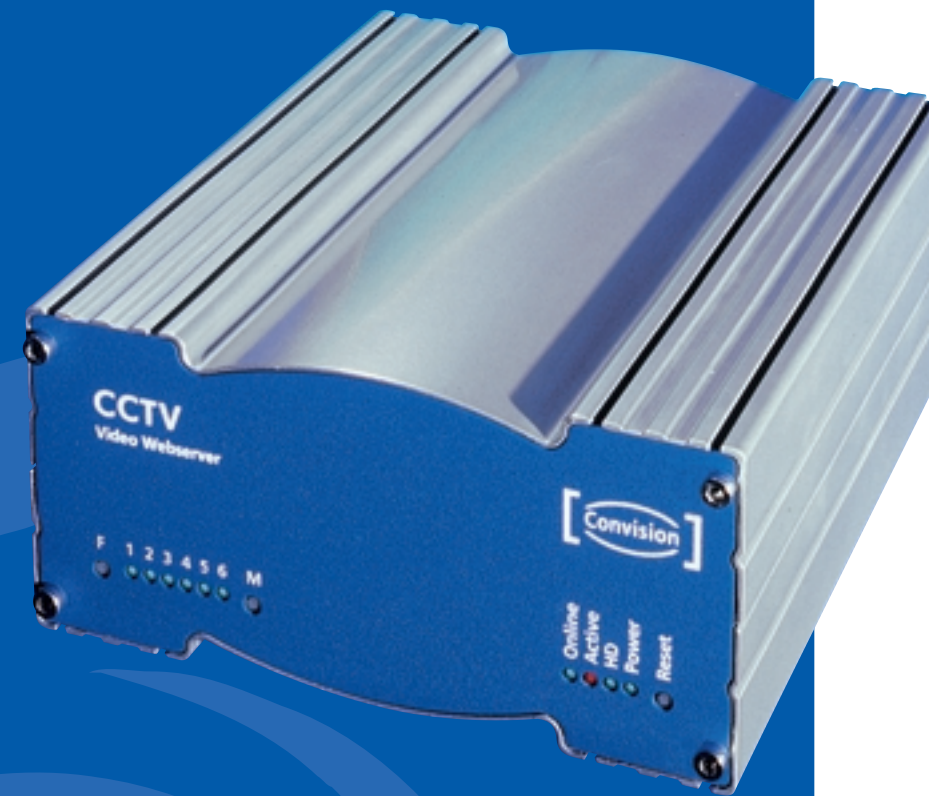Fax: +34-971-47 26 26
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distributed by:

[Convision]

Convision V610 A / V611 A

**intelligent video remote surveillance
with digital long term recording**

- • suitable for Windows,
  UNIX, Linux and Macintosh

- • audio function thru
  second ISDN B-channel

- • high video performance

- • reliable technology

- • time and event
  controlled recording

- • unrestricted configuration
  memory possibilities

- • image storage with up to 32
  pre and post alarm images

CCTV
Video Webserver

[Convision]

F 1 2 3 4 5 6 M

Online Active HD Power Reset

Video over IP

digital video remote surveillance

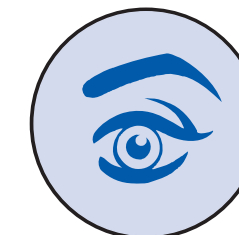*connections for up to 6 cameras*

integrated digital hard disk

*ISDN, LAN and GSM adapter
integrated*

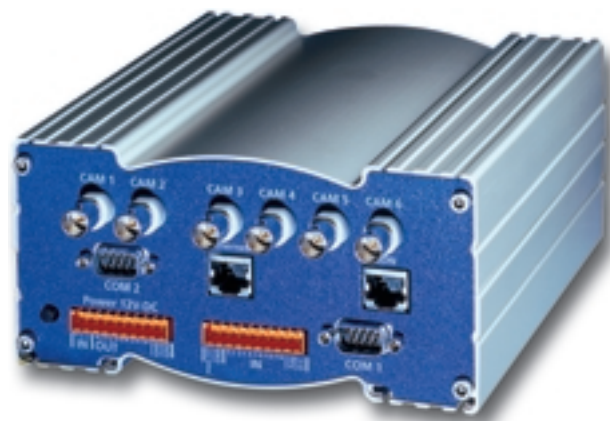*integrated audio function*

operation thru internet browser

*Convision Safe1 evaluation software
for hard disk*

INTERNET VIDEO SOLUTIONS

[Convision]

Convision V610 A:

The Convision V610 A Series revolutionizes video remote surveillance. It allows the digital video supported monitoring of objects and machines. Images can be transmitted by up to 6 directly attached cameras. The video transmission is made by means of TCP/IP in LAN, by ISDN, GSM or analog modem.

For monitoring functions there are 6 available event / alarm inputs and 2 direct outputs provided. Thru the serial outputs rotate, swivel and zoom cameras can be controlled, data from a weather station can be transmitted or electrical devices, thru sockets, can be switched directly.

The Convision V610 A Series can dispatch alarm and time-control independent video images by e-mail and FTP. By SMS plain text messages to a mobile phone can be transmitted.

Recording

With the types of recording several possibilities are available:

>> **time controlled**
>> **event controlled**
    - ring buffer
    - impulse control
    - contact control
    - 32 pre and post alarm images
      recorded and dispatched

The complete operation and configuration of the Convision V610 A Series is made thru your internet browser. No additional hard- or software is necessary.

Audio-Function:
In series the audio function is supplied with the models Convision V610 A / V611 A. A microphone and a loudspeaker are connected directly to the system (e.g. a TFE, door intercom security system).

In the case of emergency a notification of the alarm is sent (e.g. by e-mail or SMS), the Convision V610 A / V611 A Series can call externally thru ISDN. This contact is also possible via a mobile telephone. If the telephone number was inputted before in the Convision V610 A / V611 A, a connection is then structured in the Convision V610 A / V611 A over the second ISDN B-Channel. A speaking / hearing contact is thus possible. By the transmission of images and tone for the visual and acoustic analysis in cases of emergency the remote surveillance becomes even more effective. Conceivable fields of application are, for example, station entrance halls, attendantless barrier systems or elevators, whereby in an emergency the ability of a speech contact can be enabled by the alarm central.

The Convision V610 A stores video images digitally on the integrated hard disk. The recording can take place as time- or event-controlled. As event-controlled types of recording the Convision V610 A offers ring buffer time recording with pre and post alarm images, impulse control and contact controlled recording. Depending on the size of the integrated hard disk approx. 10 days can be recorded with an attached camera at one picture per second.

Convision V611 A:

Additionally to the many characteristics of the Convision V610 A with integrated hard disk the Convision V611 A offers an integrated GSM modem. Hereby exists the possibility of the configuration, operation and dispatching of messages over GSM modem.

Applications

Convision Safe1

Convision Safe1 is a software which enables it to analyze on the hard disk stored video pictures directly from the computer of the user over LAN and ISDN. The desired scenes are locally stored exclusively in a Java Player. Playback of the scenes is thru an Internet browser. These can be permanently archived comfortably on CD ROM.
Convision Safe1 runs on every computer with Java Virtual Machine 1,1,8, e.g. Windows 98. This software is free of charge available in the internet thru www.convision.de.

Convision Guard

With the software Convision Guard the ascertainment of an alarm can be activated with an additional live image combination. Thus a visual preliminary examination of the situation can take place locally. Unnecessary travel of alarm staff for false alarms are thus avoided. The image material can then be analyzed in the alarm central immediately. A permanent archiving is possible. Depending upon the setting alarm pictures can be switched up to 32 before and after. As soon as the notification of an alarm is recognized, registration of the incident takes place.

Recording capabilities
with a camera using 1-second pulse

image size	8Kb	16Kb	32Kb
Convision V610 A	364h	182h	91h
Convision V610 A XL	728h	364h	182h
Convision V610 A XXL	1092h	546h	273h

Performance
during image saving on hard disk

	Image per second
1 camera	up to 25
2 cameras	up to 2.5
3 cameras	up to 1.7
4 cameras	up to 1.2
5 cameras	up to 1.0
6 cameras	up to 0.8

Alarm central...

Building sites...

Production & Labor...