

Multi-channel video / data / audio / transmission via one coaxial cable

The highlights:

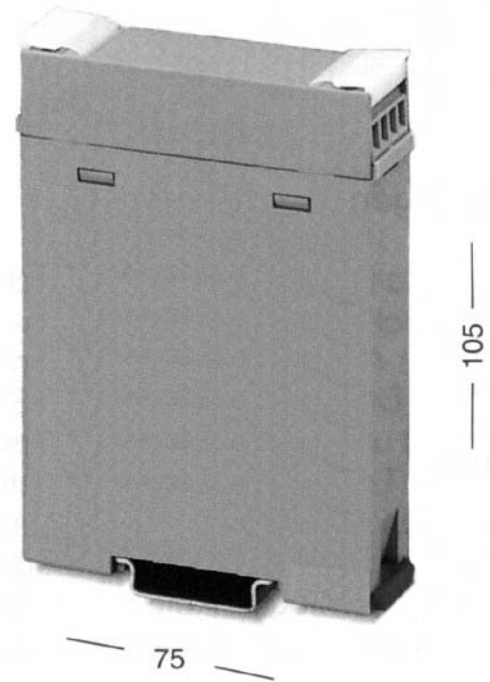
***Up to eight simultaneous channels
On one coaxial cable!***

Up to four video channels plus

***four data or audio channels,
unidirectional or bidirectional!***

High transmission quality!

***Without the need for adjustment
during installation!***



If only when cable is available, it is still possible to expand the facilities of existing video systems without problems and without the need for additional cables!

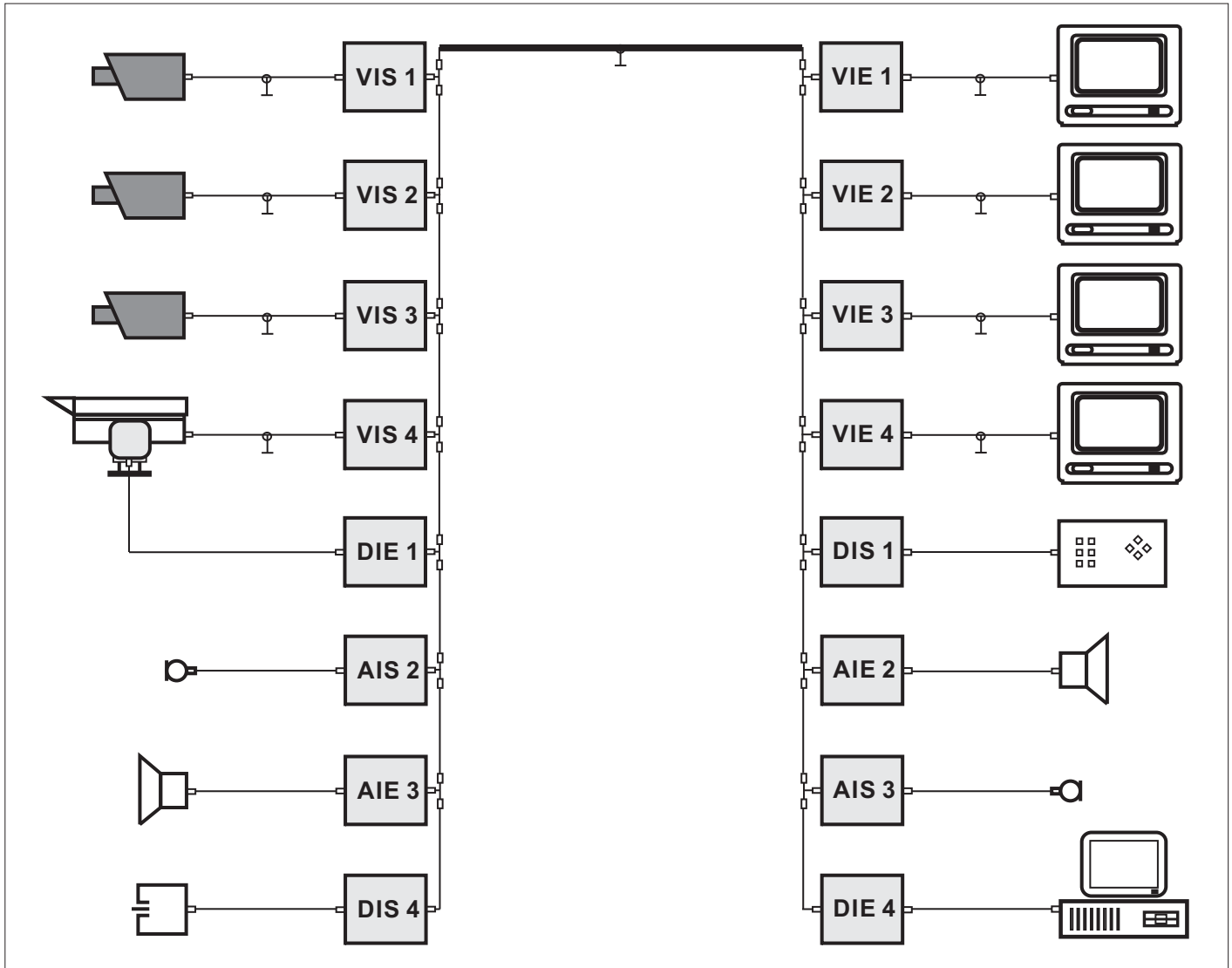
Typical examples of this are:

- Installation of additional surveillance cameras
- Upgrading cameras by adding pan and tilt heads
- Upgrading the system by adding unidirectional or bidirectional audio components
- Transmission of the data from and to newly installed receptors or actuators over the existing video cable

For simple application-oriented configuration, the modules are installed in PHÖNIX cases for mounting on top-hat rails.

Two-wire and other special versions are available to order.

The transmission principle provides DC isolation between the connected terminal devices. There is no possibility of ground loops, crosstalk or frequency-response errors.



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TECHNICAL DATA

Transmission range:	1000m (video-channel 1; VIK-1)
Supply voltage:	12VDC
Current consumption modulVIS; AIS; DIS:	50mA
modulVIE; AIE; DIE:	50mA
Ambient temperature:	-20 to +50 °C
Dimensions LxWxH:	105mm x 75mm x 22mm
Case:	PHÖNIX Contact EG22,5
Video transmission	
Bandwith:	7 MHz, - 1 dB
Signal-to-noise ratio:	> 45 dB
Differential phase:	< 5°
Differential gain:	< 5 %
Input/output:	(F)BAS, 1 V _{ss} into 75 Ohm
RS 232 / 422 Simplex	
Maximum baud rate:	RS 232: 19,2 kBit/s; RS 422: 50 kBit/s
Audio transmission	
Bandwith:	20 Hz ... 10 kHz
Signal-to-noise ratio:	> 70 dB
Distortion factor:	< 1 %
Input:	Optional:
Output:	Symmtrical or asymmetrical