

TITAN Micro Ethernet

Encoder/Decoder



General

The TITAN Micro *Ethernet* Encoder/Decoder can be operated via its integrated Fast Ethernet 10/100 BASE-T interface. It supports the TCP/IP protocol.

Up to four cameras can be connected to the TITAN Micro *Ethernet* Encoder. The TITAN Micro *Ethernet* Decoder has various outputs for the connection of monitors. Date and time can be displayed on the monitor. The software delivered with the units enables the Encoder and Decoder systems to be configured. Encoders can be selected as well as individual camera inputs, from the Decoder. The Video Encoder encodes a live video signal at 1-Mbit/s. A data channel enables the cameras to be remotely controlled.

- Live Video transmission via Fast Ethernet 10/100 BASE-T Networks
- TCP/IP Protocol
- Live Video Encoder/Decoder according to ITU-T Rec. H.261 with CIF resolution (288 lines x 352 pixels) and 15 frames per second
- Data rates of 64...1024-kbit/s
- 4 Video inputs (Encoder)
- 2 video outputs (Decoder)
- Automatic connection after restoration of power and network outages
- Data channel for remote camera control
- Local and remote control capability



Technical Specifications

• Video Interfaces

- Video inputs:		1 x CVBS	1 x BNC, 75-Ohm
- (Encoder)	and	3 x CVBS or 1 x CVBS + 1 x Y/C	15-Pin Sub-D, 75-Ohm
	or	2 x Y/C	15-Pin Sub-D, 75-Ohm
	and	4 x Genlock out	15-Pin Sub-D, 75-Ohm
- Video outputs:		1 x CVBS	1 x BNC, 75-Ohm
(Decoder)	and	1 x RGB, Sync oder 1 x Y/C	15-Pin Sub-D, 75-Ohm
	and	1 x Genlock in	15-Pin Sub-D, 75-Ohm
	and	1 x Genlock out	15-Pin Sub-D, 75-Ohm

• Video Encoder/Decoder

- Coding algorithm:	ITU-T Rec. H.261
- Picture format:	288 lines x 352 pixels (Full CIF)
- Refresh rate:	7,5,10,15 frames/sec
- Data rate:	64-kbit/s to 1.024-Mbit/s

• Network Interfaces

- Fast Ethernet:	10/100 BASE-T	RJ45 socket
- Protocol:	TCP/IP	

• Data Interface (Encoder and Decoder)

- Camera remote control:	RS232C, 8-Pin, mini DIN
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• Operator Interface (Encoder and Decoder)

- PC interface:	RS232C, 8-Pin, mini DIN
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• Control Interfaces

- Alarms:	1 x input, 1 x output (potential free) 8-Pin, mini DIN
	1 x input, 1 x output (TTL Level)
- TTL I/O:	3 x input, 3 x output (TTL Level) 8-Pin, mini DIN

• Dimensions

- Height:	56 mm
- Width:	170 mm
- Max. Depth:	165 mm
- Weight:	Approx. 1.5 kg

• Power Supply (Plug Type)

- Voltage:	198V ... 264V, 40 ...70 Hz, optional 115V
- Power consumption:	Max. 25 W, typ. 12 W

Ordering Information:

TITAN Micro <i>Ethernet</i> Encoder	450017
TITAN Micro <i>Ethernet</i> Decoder	450018

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