

## ACVI5 / A5CVI

Video HDTV/HDCVI/AHD  
Data RS-485  
By only one fiber optic

### ACVI51 / A5CVI1

1 x video HD + 1 data

### ACVI54 / A5CVI1

4 x video HD + 1 data



- Transmission of up to 4 video channels HDTV/HDCVI/AHD
- No video compression
- Power 5Vdc
- Plug and Play
- Transmission by fiber
- LED's status indicators
- Extended temperature range
- Standalone format

The ACVI converter transmits the HDTV / HDCVI / AHD (self-configurable) video signal over a single fiber (up to 20km). It does not need any adjustment, facilitating its installation. It incorporates luminous signaling, indicating the presence of video in each channel and if the optical power received is the appropriate one.

Ref. (Tx / Rx)	Channels	Wavelength	Connector	Fiber	Maximum losses
ACVI515N7 / A5CVI16N7	1xCVI 1xData	1310/1550 nm	SC	1 x MM	2 km (8 dB)
ACVI515M7 / A5CVI16M7				1 x SM	20 km (8 dB)
ACVI545N7 / A5CVI46N7	4xCVI 1xData			1 x MM	2 km (8 dB)
ACVI545M7 / A5CVI46M7				1 x SM	20 km (8 dB)

\* This equipment is sold in pairs, including:

- 1 x Transmitter
- 1 x Receiver
- 2 x Power supply, Input: 100 a 240 Vac Output: 5Vdc
- 1 x User guide

## Video

Video format (auto configurable)	HDTV HDCVI AHD PAL
Connector video	
<ul style="list-style-type: none"> <li>ACVI515x7 / A5CVI16x7</li> <li>ACVI545x7 / A5CVI46x7</li> </ul>	<ul style="list-style-type: none"> <li>1 x BNC</li> <li>4 x BNC</li> </ul>

## Data

Standard	EIA RS-485
Speed	1200 a 9600 bit/s
Connector	Terminal strip

## Optica

Fiber type	MM (Multimode) SM (Singlemode)
Connector	SC
Maximum losses	MM: -8 dB(2km);SM: -8dB(20km)
Wavelench	
<ul style="list-style-type: none"> <li>Transmitter</li> <li>Receiver</li> </ul>	<ul style="list-style-type: none"> <li>Tx: 1310nm Rx: 1550nm</li> <li>Tx: 1550nm Rx: 1310nm</li> </ul>

## General

Indicators	PWR, LOS, VIDEO, DATA
Maximum consumption	
<ul style="list-style-type: none"> <li>Transmitter</li> <li>Receiver</li> </ul>	<ul style="list-style-type: none"> <li>690 mA (~3.45 W)</li> <li>720 mA (~3.6 W)</li> </ul>
Power system	5Vdc
MTBF	100.000 horas
Dimensions	
<ul style="list-style-type: none"> <li>ACVI515x7 / A5CVI16x7</li> <li>ACVI545x7 / A5CVI46x7</li> </ul>	<ul style="list-style-type: none"> <li>108x105x27mm</li> <li>172x167x28mm</li> </ul>
Weight	
<ul style="list-style-type: none"> <li>ACVI515x7 / A5CVI16x7</li> <li>ACVI545x7 / A5CVI46x7</li> </ul>	<ul style="list-style-type: none"> <li>230 gr</li> <li>580 gr</li> </ul>
Working temperature	-20°C a 74°C
Relative humidity	10% a 90%
Housing	Standalone

## Application

