

Twisted-Pair Video Transmission Modules

of series 65 and ZS/CAM-90



Product information

- | In weatherproof housing with integrated PSU (Series 65)
- | Transmitter galvanic decoupled (Series 65)
- | In miniature housing (can be plugged directly onto camera BNC-output) (ZS/CAM-90)
- | High bandwidth

Technical data

	BVT-65 Transmitter	BVR-65 Receiver	ZS/CAM-90 Miniature transmitter
Power supply	207-253 VAC / 45-60 Hz (104-126 VAC version on request)		12 VDC typ. (10-30 VDC)
Input current	max. 25 mA	max. 30 mA	35 mA typ.
Video input (asymmetrical)	1 Vpp typ. (1 - 1,5 Vpp)	-	1 Vpp (max. 2,5 Vpp)
Video input (symmetrical)	-	<= 2 Vpp typ. (0,5-3 Vpp)	-
Input impedance	75 Ohm	124 Ohm typ. (110-130 Ohm)	75 Ohm
Output impedance	124 Ohm (symmetrical)	75 Ohm (asymmetrical)	124 Ohm (symmetrical)
Video output level (asymmetrical)	-	1 Vpp typ. (1-1,2 Vpp)	-
Output level (symmetrical)	2 Vpp	-	2 Vpp
Number of BNC outputs	-	1	-
Signal to noise ratio	> 60 dB		-
Frequency response	15 Hz to 8 MHz at +/- 3 dB		20 Mhz / -0,3 dB 50 Mhz / -2 dB 60 Mhz / -3 dB
B/W / Colour transmission	< 1000 m using 0,6 mm twisted pair cable		
Frequency boost at 5 MHz	-	-	0 dB +/- 0,2 dB
Equalization range at 5 MHz	-	-	-
Galvanic decoupling	Yes	No	
Operational data			
Temperature range	- 20° C to + 55 ° C		-
Humidity	< 85 % humidity at 86-106 kPa		-
Power consumption	approx. 4 VA	approx. 4,9 VA	< 4 VA
EMC	EN 50081-2 EN 50130-4		-
Safety	EN 60065		-
Mechanical data			
Design	Housing		
Weight	approx. 0,5 kg		approx. 50 g
Cable glands in-/outputs	1 x PG 13,5 1 x PG 9 1 x PG 7		-
Dimensions in mm (W x H x D)	120 x 55 x 122		56 x 29 x 55 incl. BNC- connector
Protective rating	IP 65		-
Order No.	5.23350	5.23360	0.03610

BVT-65, BVR-65, ZS/CAM-90_EN_03.11.2008

Technical alterations reserved

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