

**CONNECTION OF THE AHD Zoom PU CAMERA  
USING THE ALPHACAM AHD-LINE CONNECTION CABLE**

Pin/Color	Function	AHD Zoom PU
1.Green	RS485 +	Data +
2.Red	Power +	+12Vdc
3.Coax (Yellow)	Video (AHD)	Video (AHD)
4.Coax screen	Video GND	Video GND
5.Black	Power -	- 12Vdc
6.Blue	RS485 -	Data -
7.NC	NC	NC
8.NC	NC	NC



View from rearside camera  
(Outside chassis connector view)

**SPECIFICATIONS**

Imaging device	Sony 1/2,8 inch 2.38 Megapixel CMOS sensor
Tv standard	PAL (AHD) 16:9
Effective Pixels	1920(H)x1080(V)
Scanning System	Progressive scan
Synchronization	Internal, Negative Sync.
Min. Illumination	0,2 lux color(1/30sec,F1.6) 0,01 lux b/w (1/30sec F1.6) (F1.6 =wide)
S/N Ratio	More than 50dB
Video output	1.0Vp-p / 75 ohm
Focal length	4,44 - 142.6mm
Field of view	(wide) H:62,8° V:36,8° (Tele) H:2,23° V:1,26°
Serial communication	RS485, Coaxial Communication (Samsung-T )
Camera housing	PU (polyurethane)
Nitrogen filled	Yes
Waterproof standards	IP 67
Operating temperature	-50°c - +50°c
Input voltage	DC 12v +- 10%
Power consumption	Max 0,75A 9W
Weight	Approx. 0,8Kg
Alternate standard ships-cable for video usage	RG59 b/u cable

**SERVICING AND MAINTENANCE**

ALPHACAM AHD Zoom PU camera contains no operator serviceable parts. DO NOT OPEN CAMERA HOUSING. Maintenance, Service and repair of units can only be done on factory site.

**Cleaning**

Cleaning can be done using non aggressive soap solutions and water. Use moistened fine cloth for cleaning the camera glass. Chemicals such as alcohol and antiseptic solution may cause damage, and also quality deterioration of the image. Never use any thinner, benzene, wax, and abrasive cleaner, which may cause damage, and also quality deterioration of the image.

**Be aware: DO NOT clean the glass when glass and cleaning cloth are dry, to prevent scratching and damaging the glass from sand and dirt. Always use enough water when cleaning!**