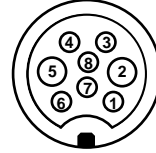


**CONNECTION OF THE AHD Dome PTZ ALU CAMERA**  
**USING THE ALPHACAM AHD-LINE CONNECTION CABLE**

Pin/Color	Function	AHD Dome PTZ ALU
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	0,35 lux,at F1.6 ,50IRE
S/N Ratio	More than 50dB
Video output	1.0Vp-p / 75 ohm
Focal length	4,7 - 94mm (20x zoom)
Field of view	(wide) H:55,5° V:32,4° (Tele) H:3° V:1,7°
Serial communication	RS485 Pelco - D , Coaxial Communication
Camera housing	Aluminium
Nitrogen filled	Yes
Waterproof standards	IP 67
Operating temperature	-20°c - +50°c
Input voltage	DC 12v +- 10%
Power consumption	Max 2A 24W
Weight	Approx. 2,5Kg
Alternate standard ships-cable for video usage	RG59 b/u cable <i>Important : The total DC loop resistance of the cable may be no more than 29 Ohm. When the total DC loop resistance is too high, camera control will be unavailable. To check the resistance, short-circuit the coax cable on one side, and measure the resistance on the other side with an Ohm meter. The DC resistance of a coax cable is determined by the quality of the used cable, look carefully in the specs of the used cable, not all RG59 b/u cables have the same DC resistance!</i>

**SERVICING AND MAINTENANCE**

ALPHACAM AHD Dome PTZ ALU 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!

**CAUTION!**

**DO NOT OPEN CAMERA HOUSING.ALPHACAM AHD Dome PTZ ALU. camera part is filled with nitrogen gas.**