

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

Pin/Color	Function	AHD Dome PTZ RVS
1.Green	RS485 +	Data +
2.Red	Power +	+24Vdc
3.Coax (Yellow)	Video (AHD)	Video (AHD)
4.Coax screen	Video GND	Video GND
5.Black	Power -	- 24Vdc
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	Color:0,3 lux,at F1.6 ,50IRE B/W:0,003 lux at F1,6 50IRE
S/N Ratio	More than 50dB
Video output	1.0Vp-p / 75 ohm
Focal length	4,44 - 142,6mm (32x zoom)
Field of view	(wide) H:62,8° V:36,8° (Tele) H:2,23° V:1,26°
Serial communication	RS485 Samsung- T , Coaxial Communication
Camera housing	RVS 316
Nitrogen filled	Yes
Waterproof standards	IP 68
Operating temperature	-50°c - +50°c
Input voltage	DC 24v +- 10%
Power consumption	Max 2,7A 65W
Weight	Approx. 6Kg
Alternate standard ships-cable for video usage	RG59 b/u cable

**SERVICING AND MAINTENANCE**

ALPHACAM AHD Dome PTZ RVS 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!**