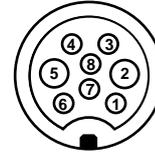


**CONNECTION OF THE AHD Dome PTZ ALU CAMERA
 USING THE ALPHACAM AHD-LINE CONNECTION CABLE**

| 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 | 4,8 - 57,6mm (12x zoom) |
| Field of view | (wide) H:64,2° V:37,5° (Tele) H:5,9° V:3,3° |
| 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(with internal heating on) |
| Weight | Approx. 2,3Kg |
| 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.