

### **TECHNICAL SPECIFICATIONS**

Call 01255 555200 Email info@durite.co.uk Visit www.durite.co.uk



Image for illustration purpose. Actual product might differ slightly.



# 0-774-74 - 1080p AHD Dome Camera

Durite's 1080p AHD Dome Camera. 12VDC. 1.3/2M pixel CMOS - 2.8mm Lens, Normal Image. 50cm fly lead with 4 PIN Aviation Connector. E Marked EMC R10.05



### **WARNINGS**

Before using this unit please read these instructions carefully. Take special care to follow the warnings and safety suggestions listed below. Keep these instructions for future reference. There are no user-serviceable parts within the unit, refer servicing to qualified service personnel.

#### **PRECAUTIONS**

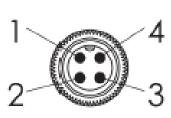
- Please ensure you are familiar and comply with local traffic and driving regulations.
- Connection The camera should only be connected to a Durite cctv system.
- Heat Do not install the camera near heat sources.
- Mounting Ensure the camera is facing the desired direction before fixing the camera base. If fixing to isolated return chassis the camera bracket should be isolated from the vehicle chassis.
- Service The user should not attempt to service these units beyond that described in these instructions. All other servicing should be referred to an authorised service technician.

#### **GENERAL**

The camera has a CMOS image sensor which gives a high quality picture and its solid state circuitry provides extremely long life. Compact size and single connection make it easy to install. Automatic gain control (AGC) provides a clear image in both strong sunlight and low light conditions. It is recommended that all camera lead connections are additionally sealed by either wrapping with a suitable tape or application of heat shrink sleeving. It is recommend to connect the system and test before fixing to ensure the correct field of view is displayed.

### \*Camera Connection Type: 4 PIN Aviation

### Female Aviation Plug



1	POWER
2	GND
3	NC
4	VIDEO



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## **TECHNICAL SPECIFICATIONS**

Resolution 1920H*1080V Frame rate 25fps Sync.system Internal Viewing angle 85° H, 47° V TV System PAL Video output 1.0vp-p,75ohm AHD Gamma consumption 0.45 AGC AUTO White Balance AUTO BLC AUTO Electronic Shutter PAL:1/60 ~1/15000s Min illumination 0 Lux (IR LED's on) Night vision distance Upto 10 Metres Image mode Normal Heater and Anti-fog N/A IR LED light 12 LED's Power voltage 12VDC Audio Yes Waterproof rating N/A Current Consupmtion 160mA Camera connector type 4 PIN Aviation *(See overleaf for layout)	Image sensor	1.3/2M pixel CMOS - 2.8mm Lens
Sync.system Internal  Viewing angle 85° H, 47° V  TV System PAL  Video output 1.0vp-p,75ohm AHD  Gamma consumption 0.45  AGC AUTO  White Balance AUTO  BLC AUTO  Electronic Shutter PAL:1/60 ~1/15000s  Min illumination 0 Lux (IR LED's on)  Night vision distance Upto 10 Metres  Image mode Normal  Heater and Anti-fog N/A  IR LED light 12 LED's  Power voltage 12VDC  Audio Yes  Waterproof rating N/A  Current Consupmtion 160mA	Resolution	1920H*1080V
Viewing angle TV System PAL Video output 1.0vp-p,75ohm AHD Gamma consumption 0.45 AGC AUTO White Balance AUTO BLC Electronic Shutter PAL:1/60 ~1/15000s Min illumination 0 Lux (IR LED's on) Night vision distance Upto 10 Metres Image mode Heater and Anti-fog IR LED light Power voltage Value Viewing angle 85° H, 47° V  AUTO L.0vp-p,75ohm AHD 0.45 AUTO AUTO BLC AUTO PAL:1/60 ~1/15000s Nornal Nornal PLED's on) Normal PLED's Power voltage 12 LED's Power voltage 12 LED's Ves Vaterproof rating N/A Current Consupmtion 160mA	Frame rate	25fps
TV System PAL  Video output 1.0vp-p,75ohm AHD  Gamma consumption 0.45  AGC AUTO  White Balance AUTO  BLC AUTO  Electronic Shutter PAL:1/60 ~1/15000s  Min illumination 0 Lux (IR LED's on)  Night vision distance Upto 10 Metres  Image mode Normal  Heater and Anti-fog N/A  IR LED light 12 LED's  Power voltage 12VDC  Audio Yes  Waterproof rating N/A  Current Consupmtion 160mA	Sync.system	Internal
Video output  Gamma consumption  0.45  AGC  AUTO  White Balance  BLC  Electronic Shutter  PAL:1/60 ~1/15000s  Min illumination  0 Lux (IR LED's on)  Night vision distance  Upto 10 Metres  Image mode  Heater and Anti-fog  IR LED light  Power voltage  AUTO  Electronic Shutter  PAL:1/60 ~1/15000s  Normal  Lux (IR LED's on)  Normal  Heater and Anti-fog  N/A  IR LED light  12 LED's  Power voltage  12VDC  Audio  Yes  Waterproof rating  N/A  Current Consupmtion  160mA	Viewing angle	85° H, 47° V
Gamma consumption  AGC  AUTO  White Balance  BLC  AUTO  Electronic Shutter  PAL:1/60 ~1/15000s  Min illumination  0 Lux (IR LED's on)  Night vision distance  Upto 10 Metres  Image mode  Normal  Heater and Anti-fog  N/A  IR LED light  12 LED's  Power voltage  Audio  Yes  Waterproof rating  N/A  Current Consupmtion  0.45  AUTO  AU	TV System	PAL
AGC White Balance AUTO BLC AUTO Electronic Shutter PAL:1/60 ~1/15000s Min illumination 0 Lux (IR LED's on) Night vision distance Upto 10 Metres Image mode Normal Heater and Anti-fog N/A IR LED light 12 LED's Power voltage Audio Yes Waterproof rating N/A Current Consupmtion AUTO AUTO AUTO AUTO AUTO AUTO AUTO AUTO	Video output	1.0vp-p,75ohm AHD
White Balance AUTO BLC AUTO Electronic Shutter PAL:1/60 ~1/15000s Min illumination 0 Lux (IR LED's on) Night vision distance Upto 10 Metres Image mode Normal Heater and Anti-fog N/A IR LED light 12 LED's Power voltage 12VDC Audio Yes Waterproof rating N/A Current Consupmtion 160mA	Gamma consumption	0.45
BLC Electronic Shutter PAL:1/60 ~1/15000s Min illumination 0 Lux (IR LED's on) Night vision distance Upto 10 Metres Image mode Normal Heater and Anti-fog N/A IR LED light 12 LED's Power voltage 12VDC Audio Yes Waterproof rating N/A Current Consupmtion AUTO DATE  AUTO AUTO AUTO AUTO 12 LED's on) Normal N/A 12 LED's 12 LED's 12 LED's 12 LED's 12 LED's 12 LED's 13 LED LED'S 14 LED LED'S 14 LED LED'S 15 LED LED'S 16 LED LED'S 16 LED LED'S 16 LED LED'S 17 LED LED'S 18 LED L	AGC	AUTO
Electronic Shutter PAL:1/60 ~1/15000s  Min illumination 0 Lux (IR LED's on)  Night vision distance Upto 10 Metres  Image mode Normal  Heater and Anti-fog N/A  IR LED light 12 LED's  Power voltage 12VDC  Audio Yes  Waterproof rating N/A  Current Consupmtion 160mA	White Balance	AUTO
Min illumination 0 Lux (IR LED's on)  Night vision distance Upto 10 Metres  Image mode Normal  Heater and Anti-fog N/A  IR LED light 12 LED's  Power voltage 12VDC  Audio Yes  Waterproof rating N/A  Current Consupmtion 160mA	BLC	AUTO
Night vision distance  Image mode  Normal  Heater and Anti-fog  IR LED light  Power voltage  Audio  Ves  Waterproof rating  N/A  Current Consupmtion  Upto 10 Metres  Normal  N/A  12 LED's  12 LED's  12 VDC  Yes  N/A	Electronic Shutter	PAL:1/60 ~1/15000s
Image mode  Heater and Anti-fog  IR LED light  Power voltage  Audio  Ves  Waterproof rating  Current Consupmtion  Normal  N/A  12 LED's  12 VDC  Yes  N/A	Min illumination	0 Lux (IR LED's on)
Heater and Anti-fog N/A IR LED light 12 LED's Power voltage 12VDC Audio Yes Waterproof rating N/A Current Consupmtion 160mA	Night vision distance	Upto 10 Metres
IR LED light 12 LED's  Power voltage 12VDC  Audio Yes  Waterproof rating N/A  Current Consupmtion 160mA	Image mode	Normal
Power voltage 12VDC Audio Yes Waterproof rating N/A Current Consupmtion 160mA	Heater and Anti-fog	N/A
Audio Yes Waterproof rating N/A Current Consupmtion 160mA	IR LED light	12 LED's
Waterproof rating N/A Current Consupmtion 160mA	Power voltage	12VDC
Current Consupmtion 160mA	Audio	Yes
	Waterproof rating	N/A
Camera connector type 4 PIN Aviation *(See overleaf for layout)	Current Consupmtion	160mA
	Camera connector type	4 PIN Aviation *(See overleaf for layout)
Operating temperature -20°C ~ 70°C, RH95% MAX	Operating temperature	-20°C ~ 70°C, RH95% MAX
Storage temperature -30°C ~ 75°C, RH95% MAX	Storage temperature	-30°C ~ 75°C, RH95% MAX
Dimensions Please see drawing below	Dimensions	Please see drawing below
Certificate E Marked R10 EMC	Certificate	E Marked R10 EMC

# **TECHNICAL DRAWING**

