



Image for illustration purpose. Actual product might differ slightly.

## O-775-12 - 1080p AHD I/R Side Mount Colour CCTV Camera with Audio

Durite's 1080p AHD Side Camera. 12VDC. 1/3" SONY CMOS IMX291. Supports both Normal/Mirror Image. 4 PIN Aviation Connector. E Marked EMC R10.05



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## 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.
- Fixture - Do not over tighten camera housing/cover to base plate screws. Recommended torque setting for tightening is 0.45-0.55Nm.

## 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, if lighting conditions fall below a set level the Infra-red LEDs will illuminate. 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 recommended to connect the system and test before fixing to ensure the correct field of view is displayed.

## MIRROR vs. NORMAL IMAGE

The camera default image is MIRROR image.

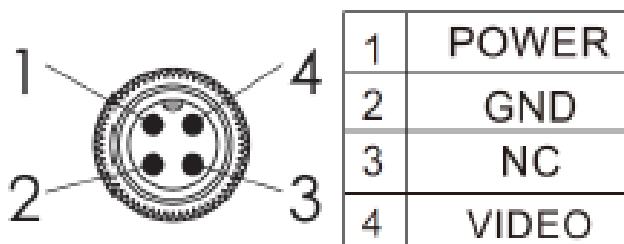
There is a 'jumper' included with the camera.

If NORMAL image viewing is required please connect the jumper to the applicable connection on the camera flying lead.

Disconnect then reconnect the power to the camera for the setting change to take place.

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

#### Female Aviation Plug



## TECHNICAL SPECIFICATIONS

Image sensor	1/3" SONY CMOS IMX291
Resolution	1080P (1920X1080 pixels)
Frame rate	30fps
Sync.system	Internal
Pixel size	2 million MP 1080P, Analog 1600lines
Viewing angle	150°
TV System	PAL
Video output	1.0vp-p,75ohm AHD
Gamma consumption	0.45
AGC	AUTO
White Balance	AUTO
BLC	AUTO
Electronic Shutter	PAL:1/50 ~1/100000s
Min illumination	0.001LUX/F1.2
Night vision distance	8 Metres
Image mode	Normal / Mirror
Heater and Anti-fog	N/A
IR LED light	5, Built in IR
Power voltage	12VDC
Audio	YES
Waterproof rating	IP69K
Camera connector type	4 PIN Aviation *(See overleaf for layout)
Operating temperature	-30°C ~ 70°C, RH95% MAX, RH95% MAX
Storage temperature	-40°C ~ 80°C, RH95% MAX
Certificate	E Marked R10 EMC

## TECHNICAL DRAWING

