

# Puddlecam™

The 'Go Absolutely Anywhere Camera' from EV Special Facilities

***'Video wherever the going is tough'***

Puddlecam™ puts your viewers into the heart of the action: in the middle of the road, underfoot or under a car. With Puddlecam, you can shoot the low-down on anything from a heavily armoured tank to a herd of migrating wildebeest.

EV Special Facilities developed Puddlecam for those shots just too difficult, too dangerous or too expensive to get by any other means. Puddlecam has been extensively used for broadcasts from the World Rally Championships. Speeding cars have yumped, bumped and crashed over it, without interrupting the vision feed.



A high-resolution, low-light sensitive single chip camera, giving a resolution of 570 lines, is moulded into a solid acrylic resin housing. For extended life, an option is available with an additional machined titanium housing within the moulding. The plain camera housing is small and indistinguishable, so it can be easily dressed or camouflaged if operation is required within the sight line of other cameras.

A waterproof remote recording console, with mains or battery power supply and VU audio monitoring, records digital pictures to DVCam. All components are built to industrial standards, mounted in rugged housings to keep out dust, dirt and damp.



**1.0 Camera**

Image Pickup Device  
Effective Pixels  
Resolution  
Usable illumination  
White balance  
Electronic shutter  
Lens

1/3" colour CCD  
PAL = 752 (H) x 582 (V)  
570 Lines  
0.01 lux (f1.2)  
Automatic  
PAL = 1/50 to 1/100,000 sec  
2.6mm to 12mm  
Standard supply 3.6mm

**2.0 Recorder**

Sony GVD1000 or Sony V10  
DVCAM recording/playback capability (mini cassette)  
Consumer DV playback (mini cassette)  
Built-in 5.5" LCD monitor  
i.LINK (DV IN/OUT) for digital dubbing  
Analogue video/audio terminal (IN/OUT)

Mini DV or Mini DVCAM  
60/90 mins record

**Power Supply**

External

12 Volt 1.5 Amp  
4 pin XLR

Internal

12 Volt Himen Battery 6 Amp

**Audio**

Selectable Mic or line input  
Selectable phantom power  
Supplied with effects mic  
Separate LED level meters

3 pin XLR  
3v- 48volt

**Options**

Extension Lead  
External PSU  
External Battery  
External Charger

**5.0 Mechanical**

Dimensions  
Camera  
Recorder Box  
Weight  
Camera housing  
Recorder housing

IP 68 50 meters  
IP 67

**Please note:** Users must comply with all applicable and current legislation with regard to privacy laws in force in the country of use. EV Group absolve themselves of any responsibility with respect to the use of this device.