



### The RoboCam R1 Recorder

The RoboCam R1 Recording Unit is purpose built to meet the high standards of harsh and extreme environments and is covered with a protective sleeve providing water resistance. At the heart of the solution is a purpose built "RoboCam Flash Disk" recorder which is amongst the best body worn video (BWV) devices on the market. Surpassing all of the "UK Home Office" (HOSDB) specifications, the RoboCam is becoming the BWV choice amongst UK Police Forces. Its market leading specifications include the extremely high video resolution of any BWV recorder currently available. Designed for robust environments the RoboCam has a protected 3.5" TFT LCD screen, touch sensitive buttons, a shock resistant solid state recorder and a protective unit cover.

The Security Features include: **Password Protection, Access Controls, Serial Number and Time and Date Watermarking on each frame, intelligent file naming convention and a non-removable encapsulated Nand Flash Drive.**

<b>Dimension</b>	13*8,3*2.5 cm
<b>Weight</b>	0.25 kg
<b>Screen</b>	3.6" TFT LCD 360 x 240
<b>USB</b>	USB2.0
<b>Built-in removable battery</b>	4.5hr continuous recording 10hr continuous playback
<b>Memory</b>	16G with SD Card Slot
<b>Video format</b>	AVI
<b>Video resolution</b>	720*576@ 30fps
<b>Frame frequency</b>	30fps-NTSC; 25fps-PAL
<b>TV output</b>	1.0V PP PAL/SECAM/NTSC
<b>Temperature</b>	-10 -50C



### The RoboCam Bullet Camera

The high quality camera works in virtual darkness.

<b>Signal Image Format</b>	PAL
<b>Image Device</b>	1/3" Sony Super HAD CCD
<b>Effective Pixels</b>	752(h)X592(v)
<b>H.Resolution</b>	580 TV Lines
<b>Low Lux Sensitivity</b>	0.05 Lux / Face Plate
<b>Current Consumption</b>	200 mA or less
<b>Temperature</b>	Operating (-10c~+50c) / Storage (-20c~+60c)



### The RoboCam Control Lead

Equipped with a miniature built in OMNI Directional High Quality condenser bass microphone, the RoboCam R1 System Controller does not lose sound quality in loud or noisy environments. The rugged user friendly controller has been designed for ease of use even in adverse weather conditions where the operator is required to wear gloves. The controller is sealed with a rubber seal to ensure its resistance to water or dust. In order to highlight the recorder status there is a red LED which flashes when recording and solid when in ready (Stand-By) mode. There is also an indication beep when the record button is pressed.

<b>Video Input</b>	PAL/NTSC/SECAM
<b>Video Output</b>	PAL/NTSC/SECAM
<b>Microphone</b>	Omni Directional
<b>Break Point</b>	3.5mm Phono
<b>Red LED</b>	Recording Indicator

