



### Communications

**Internet Connectivity:**

10/100 RJ 45 Ethernet connector for ADSL and network lines

**GPRS / 3G / HSDPA Connectivity:**

Built in GPRS / 3G / HSDPA module

**Satellite Connectivity:**

10/100 RJ45 Ethernet for Inmarsat GAN/BGAN/Fleet Router

### Software

**Viewers Supported:**

Software available for windows PC & Windows mobile 5/6

**Video Frame Rate Size Supported:**

From 128 x 96 up to 352 x 288 (CIF) at frame rates 0.1 to 25fps (PAL)

**High Resolution Image Retrieval:**

Enhance definition (up to 704 x 576) over user-definable areas via high quality JPEG

### Hardware

**Physical Size:**

L 165mm x W 130mm x D 35mm, Weight 700g

**Operating Temperature:**

-32 to +60, non-condensing

**Audio:**

Stereo Audio In / Stereo Audio Out

**Input Voltage:**

9V-36V DC

### Front Panel Connectors

**USB**

Configuration of the unit is via USB. The USB connector also allows Connection to serial based devices

**RJ45**

RJ45 Ethernet connector for ADSL and network lines

### Rear Panel Connectors

**Video Input**

Standard BNC connector that accepts PAL, NTSC and SECAM video sources

**Audio**

This connector allows for two way audio. One way audio will be supported with first release software

**Power**

The connector is provided to support vehicle or battery operation

**PTZ Connectivity:**

Camera can be controlled via RS232 or RS485. Currently supports Pelco P&D, Canon VC-C4/5 Sony Visca, David Horn, other protocols may be integrated on request

**Bandwidth Supported:**

9Kbps to 1Mbps

**Encryption:**

Built in AES 256 encryption in addition to support for IP Sec VPN connections

**Minimum Server Specification:**

2Ghz Processor, Windows Server 2003 or Linux, 512mb RAM, Sun Java JRE 1.5.0 or later

**Camera Input:**

1 x BNC composite input

**Video Input Format:**

PAL / NTSC / SECAM

**1 Alarm Input:**

Triggers at 5V (24V max)

**Power Consumption:**

7W max without modem 8.5W max with full modem operational  
5.5W nominal <1.5W standby mode <0.1W sleep mode

**SIM**

Lockable SIM carrier. As the system is essentially network agnostic, there is no restriction on the network that can be used

**LEDs**

Status LEDs provide information on start-up and configuration

**RS422 / Trigger**

Provides RS422 for control of cameras or other devices. A trigger input provides wake Up from sleep or alarm reporting

**RS232**

Provides RS232 serial for control of cameras or other devices

**RF Aerial**

This is the RF aerial for the internal GPRS / 3G / HSDPA module

## Contact us

For more information on **DARC vision**, contact  
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