

# PalmSearch Camera Inspection System

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PalmSearch Camera Inspection System supplied as **standard** includes:

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- PalmScope™ SE \* 6.5" TFT LCD (640 x 480 colour pixels) with transfective screen
- CCD Camera (32mm dia) with 4 integral white light LEDs
- Rigid wand (457mm length) with 90 degree articulation
- 1.2m (4 ft) flexible cable
- Finger adapter
- Gooseneck adapter with 0.6m cable
- Mini tripod
- Video cable
- Leather protective bag (with neck strap)

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**Supplied in rigid Protector case.**

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**\*PalmScope™ SE consists of:**

- Battery (NiMH fitted), with charger unit & AC mains lead
- 512MB Compactflash card
- Compactflash card Reader

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Camera head waterproof to 30m (100ft); chemical and oil resistant

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## Accessories

- Infra-red (ir) camera
- Glare protection hood
- Flexible cables
- Semi rigid cable assemblies
- Telescopic wands



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# PalmSearch Camera Inspection System



The PalmSearch Camera Inspection System with transfective screen makes an ideal solution for outdoor use (daylight readable).

This portable system is supplied with a rugged leather protective bag complete with neck strap allowing for greater control of camera application.

CCD camera with 4 integral white light LEDs comes as standard. Infra-red (ir) camera is an optional extra.

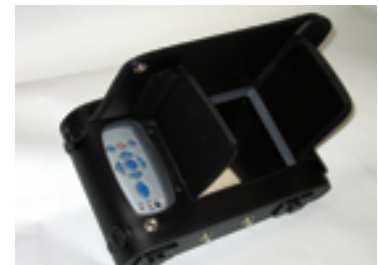
Camera attachment cables are available as flexible or stay-flex (semi-rigid cable assembly). Flexible cable varying from lengths of 1.2m to 30m.

Semi rigid cables are supplied in lengths of: 3m, 5m, 10m, 15m, 20m, and 25m.



PalmSearch with standard camera

The PalmScope™ SE display unit has an integral video capture system using compactflash card. Images can be stored as single frame (jpeg) or as video clips (QuickTime™ CIF format)



**Applications** Aerospace, bridges & highways, drains & sewers, pipelines and plant maintenance, search & rescue, vehicle inspections and many more...



PalmSearch on mini tripod with IR camera

## Compliance



Leather protective bag

## Technical Data

### PalmScope™ SE

#### Display

6.5" TFT LCD, transfective; with backlight  
640 x 480 pixels

NTSC / PAL

text overlay

(internal) NiMH 6-cell

### SnakeEye™ Camera

#### LED camera

32mm diameter

10 lux sensitivity

512 x 492 resolution

4 units, white light LED

46° field of view

#### IR camera

46mm diameter

1 lux @ F1.8, 0 lux sensitivity (ir ON)

high speed AWB white balance

8 units, 5mm dia 850nm ir LED

25° view angle