

GatorCam

Technical Specification

Description: GatorCam System



Control Box and Cable Reels:

- **Display Functions**
 - Time and date – selectable on display.
 - On-screen metering: metres or feet - factory selectable.
 - On-board screen filter, two lines of text selectable via toggle membrane keypad.
 - Picture inverter.
 - On-board transmitter, frequency options Lf Hz or 33kHz. Factory selectable.
 - Sun visor to reduce on-screen glare.

- **Inputs/Outputs**
 - Video in and out (RCA). Switched for titler.
 - Audio ¼" jack for external microphone.
 - Connections for an optional external QWERTY keyboard.

- **TV**
 - Power Source: 230/115 V ac. Optional 12 V dc inverter.
 - Picture Tube: 25.4 cm (10").
 - Remote Control: Infrared direct access. 2 x AA batteries.
 - Video Signal: PAL/NTSC Colour.

- **VCR**
 - Video System: VHS, twin-head, single speed.
 - Video Signal: PAL-I/NTSC colour.
 - Tape Type: VHS.

	Standard Cable Reel	Mini Cable Reel
Size	650 mm x 300 mm x 846 mm	440 mm x 265 mm x 565 mm
Capacity	200 ft (60 m) 300 ft (90 m) 400 ft (120 m)	100 ft (30 m) 200 ft (60 m)
Weight	200 ft = 20.3 Kg 400 ft = 29.8 Kg	100 ft = 11.6 Kg 200 ft = 15.6 Kg
Construction	Reel – mild steel Stand – mild steel tube	Reel – mild steel Stand – mild steel tube

Camera Types:

	Mini Camera	Standard Camera	Colour Camera
Camera housing Dimensions	25.4 mm x 52.5 mm	42.6 mm x 48 mm	42.6 mm x 68.5 mm
Power	2.7 W	3.1 W	3.9 W
Operating Depth	350 ft (150 psi)	350 ft (150 psi)	350 ft (150 psi)
Housing Materials	Stainless steel housing with shatterproof polycarbonate nose piece. Sapphire Lens.	Stainless steel housing with shatterproof polycarbonate nose piece. Sapphire Lens.	Stainless steel housing with shatterproof polycarbonate nose piece. Sapphire Lens.
Operating Pipe Diameters	1.25" to 6" pipes	2" to 9" pipes	2" to 9" pipes
Resolution	380 (H) x 380 (V)	380 (H) x 380 (V)	570 TV Lines (H)
Push Rod diameters	9 mm (0.35")	12 mm (0.47")	12 mm (0.47")
Illumination	18,000 Mcd bright	58,800 Mcd bright	42,000 Mcd bright
Sensitivity	0.5 Lux Gamma = 0.45	0.5 Lux Gamma = 0.45	0.3 Lux
Pixels	European (C.C.I.R) 512(H) x 582(V) American (E.I.A) 512(H) x 492(V)	European (C.C.I.R) 512(H) x 582(V) American (E.I.A) 512(H) x 492(V)	European (P.A.L) 752(H) x 582(V) American (N.T.S.C) 768(H) x 494(V)
Construction	Central fibreglass stiffening rod Coax video cable. 6 x conductors 18 AWG tinned wire. Outer Kevlar braid. Low friction, wear resistant polypropylene.	Central fibreglass stiffening rod Coax video cable. 8 x conductors 18 AWG tinned wire. Outer Kevlar braid. Low friction, wear resistant polypropylene.	Central fibreglass stiffening rod Coax video cable. 8 x conductors 18 AWG tinned wire. Outer Kevlar braid. Low friction, wear resistant polypropylene.

Gator Locator:

The GatorCam camera is located with the Gator Locator. The Gator Locator can locate not only the GatorCam camera but cast iron pipe to a depth of 3 m (10 ft), and plastic and clay pipe to a depth of 6.1 m (20 ft).

Operating modes/Frequency	Camera locator: 512 Hz or 640 Hz Pipe Locator: 65 kHz Power Cable Locator: 50 Hz or 60 Hz
Dynamic Range	92 dB
Depth Range	6 m (20 ft) 3 m (10 ft) in cast iron pipe
Search Antennas	Two dual-wound symmetrical response
Indicators	LCD, audible tone
Weight	2.2 kg (4.8 lb)

Radiodetection Ltd
Western Drive
Bristol BS14 OAZ, UK
Tel: +44 (0) 117 976 7776
Fax: +44 (0) 117 976 7775
email:sales.uk@radiodetection.spx.com
http://www.radiodetection.com



Radiodetection products are under continuous development and are subject to change without notice

All rights reserved

TS061EN2