Modular sewer pipeline camera inspection system

vCam

CCTV Inspection Systems

sebaKMT

CCTV Inspection System

The vCam is the third generation of CCTV inspection camera designed and developed by Vivax. As with all Vivax products - the design has been heavily influenced by our customers and the experience of extensive field use. It is sold and supported by dedicated professionals around the world.

The vCam CCTV pushrod inspection cameras provides the choice of two control modules - the vCamView for viewing only and the vCamDigital for viewing and recording. Three reel options are offered, cart type (Type-C - 100ft/30m or 200ft/60m pushrod cable), which is the standard reel, the mini reel (Type-M - 100ft/30m pushrod cable) for those requiring a small reel, and a large reel (Type-P - 400ft/120m pushrod cable). The pushrod cable comes in two sizes, 10mm for use in small diameter pipes and the 12mm diameter for larger pipes, and/or longer distances. Standard and self leveling cameras are available for each cable size.

The vCam range of pushrod CCTV inspection cameras was designed and developed with the help of customers who use these products on a daily basis. Each of the following features are in response to their specific requests.

Control Module

- New compact ABS injection molded housing
- Control module can be mounted on the reel (option) or place in the ground - the handle tilts the module for easy viewing
- 8” (200mm) TFT LCD display - recessed for easy viewing in strong sunlight
- MPEG4 recording (120GB internal hard drive give you up to 90 hours of recording) & playback
- Full function keyboard & enlarged titler storage capacity (16 pages)
- Waterproof silicon rubber keyboard
- USB interface to transfer video/audio to a computer
- Video out & video in functions (for adding on site video & audio)
- Can be powered by mains, internal rechargeable batteries, or 12V DC external power (car)

vCam

D46/SL

D33/STD

D33/SL

D33/SL

D25/STD

Cameras

The vCam system offers four color CCD plug in cameras, all are housed in stainless steel rugged housings, use ultra bright LED for lighting (available for both NTSC & PAL)

- D46/SL - self leveling camera, 1.8 inches (46mm) diameter for use with 12mm pushrod cable
- D33/STD - standard camera, 1.3 inches (33mm) diameter for use with 10mm pushrod cable
- D33/SL - self leveling camera, 1.3 inches (33mm) diameter for use with 10mm pushrod cable
- D33/SL - self leveling camera, 1.3 inches (33mm) diameter for use with 12mm pushrod cable
- D25/STD - standard camera, 1 inch(25mm) diameter for use with 10mm pushrod cable

Reels

- The vCamDigital & vCamView has three reels options for maximum flexibility
- Type-C reel - the standard reel, this is a wheel round with suspension suitable for bumping up and down curbs and steps - all stainless steel construction. The control module can be mounted (optional) on this reel for easy viewing
- Type-M reel - the mini reel, this is a hand carried unit - smaller in construction and best suited to the smaller size (10mm) pushrod cable - again all stainless steel
- Type-P reel - the large reel, a large roll round wheel suited to 400ft (120mm) pushrod cable - this is powder-coat painted steel construction
- Transmitting Sonde - 512Hz / 640Hz for cast iron pipe & 33 kHz for deeper locates (in non-metallic pipe)

Type-M

Type-C

Type-P

vLocCam
This vLocCam is designed to locate pushrod camera Sondes. It is equipped with the frequencies used by most other popular pushrod camera sytems - 512Hz, 640Hz. It also includes 33 kHz for locating the camera in deeper non-metallic pipes. A power mode is included to locate signals radiating from adjacent pipes and cables.

Warning: The ability to locate adjacent pipes or cables does not replace any legal (or corporate) work practice safety requirements, or the requirement to contact your local “Call Before You Dig”.

Additional accessories include:

- **vCam Skids**
  Type “A” 4/100 to 7/185

  Type “B” 8/200 to 14/340 with lights

- **PipeSeeLite** - a PC based software package for managing your video files, capturing still images and basic report writing

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