



Specifications

2M Technology keeps up with the latest technology to include structure modifications, software, electronic-component optimization, but we make the best effort to keep parts interchangeable between with the older versions, and the components such as LCD monitor, camera head, cable reel etc. are interchangeable among manhole camera, push rod camera, borehole camera (also known as inspection camera). Interchangeability of components allows you to upgrade the system at a minimum cost for more advanced functions and/or you can buy spare parts from our distributors and save time on repairs. Different pipe size and material and inspection needs may create a specific requirement for the inspection instrument. This compact and versatile push camera is designed, developed and produced to meet the toughest. It features a pan/tilt camera head, portable cable reel, high brightness monitor and optional centering bracket skids to adjust the system quickly to suit pipes DN 60-400. Radio transmitter and locator device is optional to help you locate the right place to dig a sewer trench.

OTHER SIZES AVAILABLE

2MPICPTZ-50197	196.8ft/60m fiberglass cable
2MPICPTZ-50328	328.1ft/100m fiberglass cable
2MPICPTZ-50394	393.7ft/120m fiberglass cable

Specifications

SENSOR	
1/2", progressive scan ,8.0 megapixel, CMOS	
LENS	
2.8~12mm, AF automatic focusing and motorized zoom lens	
CAMERA	
CCD Type	Sony CCD
Horizontal Resolution	700TVL
Camera Head Diameter	37mm / 1.45" in
Auto level	Auto
Focus	Manual
Optical system	2.8mm
LED LIGHTS	
LED Lights	9 LEDS
Brightness of the LEDS	Controllable
DISPLAY & STORAGE SYSTEM	
Screen Size	6.5" TFT Monitor
Brightness	500cd/m2
Resolution	976 x 494
Video Format	MPEG4/AVI
Picture Format	MPEG
Memory Card	4G (optional to 32G)
Usb Interface	USB output
Length	30-150m / 98-492 ft
CABLE	
Diameter	7.6mm
Centering	Ensures the camera is in the center of the pipe
BRACKET	
Battery	DC12V 13000mah
POWER SUPPLY	
Working time	Standby (LED off): 12hours In operation (LED on): 4hours

Components



**5.7" Anti-glare
 LCD Monitor**

Monitor

- 5.7" ultra-bright TFT screen, anti-glare
- Software system controls camera rotation, LED light intensity, record videos and snapshots, etc.
- Saves inspection data directly to TF card
- Text overlay without external device
- Rechargeable battery provides 4-6 hours of continuous operation



**Camera
 Head**

Camera

- Designed for pipes DN 60 - 400mm
- 700TVL Sony CCD captures never seen before details
- Camera diameter:58mm
- 130° wide view with Pan/Tilt function ensures no blind spots
- Auto leveling, always displays an upright image
- IP68 waterproofing level rating
- 18 LED lights
- Constructed with durable aluminum
- Auto focus



250mm

**Camera Centering
 Bracket**



150mm



70mm

Cable Reel

- 60m cable length (Standard) (Customizable 60-120m)
- Semi-rigid glass-fiber cable
- Durable stainless steel frame
- Meter-counter records distances and simultaneously prints the data on screen