

360° ROTATING PIPELINE INSPECTION SYSTEM

T8-PT33XX

HD PANTILT ROTATING CAMERA

A professional-grade pipeline video inspection system built for the most demanding environments. The T8-PT33XX combines a 33mm stainless-steel rotating camera head (360° pan / 180° tilt) with sapphire lens optics, a built-in 512Hz transmission signal, and a portable AHD DVR control unit — delivering crisp 2MP high-definition footage directly to its 8" IPS display with simultaneous recording to USB storage.(XX Denotes length, in 20,30 & 40mtr)



[1] 360° PAN · 180° TILT

[2] IP68 WATERPROOF

[3] 512HZ SIGNAL

[4] 5-HR BATTERY

[5] 720P HD DVR

[6] <1% METER ERROR

33mm CAMERA DIA.	2MP AHD SENSOR	120° WIDE ANGLE	8" IPS DISPLAY	20/30/40m CABLE LENGTH	6800 MAH BATTERY
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PRODUCT GALLERY



AHD DVR CONTROL UNIT



PORTABLE CABLE REEL



33MM ROTATING CAMERA



CENTERING GUIDE SKID

The T8-PT33XX is engineered for inspecting pipes from 50mm to 800mm diameter across municipal sewage networks, oil&gas pipelines, water supply mains, construction conduits, industrial ducts, HVAC ventilation, railway infrastructure, and disaster search & rescue — providing clear, real-time imagery of cracks, corrosion, blockages, weld seams, and other internal anomalies.

TECHNICAL SPECIFICATIONS

CAMERA SIZE 033 x 72 mm	SENSOR 2MP AHD CMOS	LENS Sapphire 120° FOV
PAN / TILT 360° Pan · 180° Tilt	ILLUMINATION 4x LED Adjustable	WATERPROOF IP68 Camera Head
DISPLAY 8" IPS 1280x720	RECORDING 720P MP4 / HD DVR	STORAGE 32GB USB External
CABLE DIA. 07.0 mm Fiberglass	CABLE LENGTH 20-40m Selectable	BATTERY 6800mAh Li-ion · 5h
TRANSMISSION 512Hz Built-in	METER COUNTER <1% Error Margin	SHELL Stainless Steel Body

APPLICATIONS

Municipal Sewage & Water Mains	Industrial & Chemical Pipelines	Construction & Infrastructure	HVAC & Ventilation Ducts
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WHY CHOOSE V8-33PTF

FULL ROTATION 360° pan and 180° tilt with motorised control — inspect every angle of the pipe wall without repositioning.	BUILT-IN SONDE 512Hz transmitter enables precise above-ground location of the camera head using a compatible receiver.
CRYSTAL HD IMAGING 2MP AHD sensor with sapphire glass lens and 4 adjustable LEDs deliver sharp, glare-free footage even in dark pipes.	ALL-IN-ONE PORTABILITY Integrated portable reel, DVR recorder, USB storage and 5-hour battery — fully self-contained for field use.

Request a Quote Today

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