

BIPOL

TPT-360

LONG-RANGE REMOTE VISUAL INSPECTION SYSTEM
360° Pan & Tilt | Ø40 mm Camera | 30 m Reel | 7" Display

The BIPOL PRO TPT360 is a professional remote visual inspection system designed for the examination of pipes, vessels, tanks, ducts, process equipment and other difficult-to-access areas.

Its remotely controlled Ø40 mm Pan & Tilt camera head provides precise viewing control, allowing operators to examine internal surfaces, assemblies and areas of interest from multiple viewing angles.

Combined with a 30-metre reinforced push cable reel with distance counter and a portable 7" battery-powered touchscreen display, the TPT360 provides an effective solution for industrial inspections requiring extended reach, mobility and controlled camera orientation.



Pan & Tilt rotative Camera

The 41 mm diameter camera allows 360° inspection of tubes from 60mm up to 250mm (with centering device) in HD modus. Focusing can be adjusted manually. Rated IP67
An alternative detachable camera 24 mm with fixed focus is available as option.



7" Touchscreen LCD monitor

The system offers a high resolution 7" touchscreen with integrated battery that offers a 4 hours runtime. It includes different functions such as photo and video recording,



Easy access to controls:
Light adjustment
Camera rotation
Photo & video recording

64 GB internal drive
Control of rotation of camera
Digital Zoom
Light adjustment
Negative mode
Image comparison



24mm
Camera

10 or 30 meter reel with meter counter

The pushrod of reinforced fiberglass with a diameter of 5.5mm allows easy insertion and inspection of long tubes and pipes. It is delivered with a meter counter for better localization of camera head. On demand we can supply it in 10m or 60m.



TPT Set

The TPT Set is delivered in waterproof and shock proof carrying cases



Shockproof case with prints for accessories

WHAT WE DELIVER

1 IP67 P&T camera white LEDs - 1 Reel 30m - 1 touchscreen monitor 7.0" - 1 AC charger - 1 USB Cable - 1 rugged carrying case - 1 instruction manual - 1 cleaning kit BIPOL.

AMONG THE SERVICES THAT ARE OFFERED BY OUR COMPANY

- 12 & 24 MONTHS WARRANTY EXTENSIONS
- PREVENTIVE MAINTENANCE CONTRACTS
- REPAIR SERVICE
- IN THE EVENT OF IMMOBILIZATION OF THE PRODUCT FOR REPAIR- SHORT TERM RENTING SERVICE



Technical Data

41MM CAMERA

Camera dia.	41 mm
Camera length	60 mm
Pixel	720P
Light source	12 LEDs
Camera housing material	Stainless steel
Tilt	180°
Pan	360°
Manual focus	YES
Image sensor	CMOS 1/4
Ingress protection	IP67
Waterproof depth	1 m

TPT MONITOR

Model	Controller
LCD monitor	7 inch
Resolution	1280*720
Fps	30 fps
Screen brightness	400cd/m ²
Screen contrast	800
Touch screen	Capacitive touch screens
Video output	HDMI high resolution
USB interface	Data transfer
Memory card	32G SD
Video resolution	1280*720
Picture resolution	1280*720
WIFI	Optional
Software	Negative, grid
Language	Multiple language
Li-ion	11.1V 7000mAh
Charger	12V 1A
Charging time	8 hours
Battery working hour	>5 hours
Operation temperature	-10 °C~50 °C
Storage temperature	-10 °C~50 °C

Accessories

Centering
guide 80mm

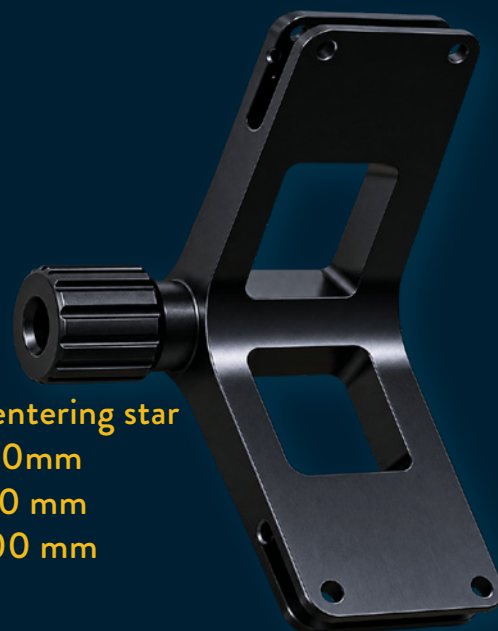


Camera
replacement
Dome



Protective
Cover

Centering star
100mm
150 mm
200 mm



How to order

TPT-MON7	7" Monitor with battery
TPT-R10	Reel with reinforced fiberglass cable Ø 5.5 mm, length 10 m, for TPT system
TPT-R30	Reel with reinforced fiberglass cable Ø 5.5 mm, length 30 m, for TPT system
TPT-C40PT	Spare 41mm Pan and tilt camera
TPT-COV	Protective cove for 41mm camera
TPT-GLA	Camera replacement glass (x5) for 41mm camera
TPT-C24	Detachable Ø 24 mm camera for TPT system (fixed focus, non-rotating)
TPT-CENT80	Centering ring 80 mm
TPT-CENT100	Centering star for 100 mm tubes
TPT-CENT150	Centering star for 150 mm tubes
TPT-CENT200	Centering star for 200 mm tubes