

AT310 Articulating Inspection Camera (360°)

TEKNEKA

Product Datasheet

Tekneka AT310 is a full 360° articulating inspection camera head that includes a 4.5-inch TFT color 720p HD monitor, IP67 waterproofing, and a 1-meter (Ø6mm) flexible wire. With the smallest focus distance of 0.8 to 1cm, this macro lens performs incredibly well. Additionally, it has 8 inbuilt LEDs that can be turned on for maximum brightness in low-light conditions. The AT310 can capture both photos and videos in 720p HD and store them on a micro SD card. It includes a 3500mAh rechargeable battery and can operate continuously for approximately 5 hours. This model supports multiple languages and features an easy-to-use data export feature. A common application of the 360° articulation is to enable viewing in obstructed locations that are difficult for regular camera heads.

Features

- 4.5-inch color LCD display with HD images
- 1-meter camera head controller with articulation
- Live monitor through smartphones using the RoadCam app
- A full 360° of rotation is accessible with this camera
- To lock the camera position, it has an articulation-locking feature
- Users have the option to take pictures and produce voice videos
- 8 integrated LEDs with 4 brightness settings and control buttons
- It can operate for up to 5 hours on a single charge
- Playback and quick navigation buttons make it simple to use
- There are 12 multi-language options and an SD card slot of up to 32GB
- Connect to a computer and export recorded data



Applications

Tekneka AT310 articulating video scope is frequently used for visual inspection in a wide range of industries, including pipe manufacturing, oil and gas equipment, HVAC, MRO services, facility and building maintenance, welding inspections, and aviation engine maintenance.

Packing Includes

- Articulating Joystick with a Camera Probe
- 4.5-inch Detachable Monitor
- Micro SD Card (16GB)
- Power Adapter
- USB Card Reader
- User Manual
- Carrying Case

Ordering Info

AT310..... 1 Meter Articulating Inspection Camera (360°) Kit

Description	Ranges
Camera Head Diameter	Ø6mm/0.27-inch
Probe Length	1m/3.2ft (Flexible cable)
Articulation	All directions 360° (Joystick controller)
Probe Diameter	Ø6mm/0.27-inch
Vision Angle/Max Flexible Angle	65°/More than 180°
Image Sensor	CMOS (1208 x 720)
Display	4.5-inch LCD, Resolution (850 x 480)
Video Resolution	HD 720p (1280 x 720)
Camera Lighting	8 Integrated LEDs (White)
Focal Distance/Depth of Field	1cm/1.5 to 10cm (Approximately)
Mobile App Support	iOS and Android (Wifi connectivity)
Protection Rating	IP67 (Only camera probe)
Data Storage/Recording Type	Micro SD Card (up to 32 GB)/Video & Image
Camera/Probe Material	Titanium alloy/Stainless steel braided layers
PC Interface	USB 2.0
Operating Temperature	0 to 60°C (32 to 140°F)
Storage Temperature	-10 to 60°C (14 to 140°F)
Power Supply	100 to 240V AC adapter/Output (DC 5V/2A)
Battery	Li-ion battery 3500mAh (inbuilt rechargeable)
Language Support	12 multi-language
Device/Box Diension	22.5 x 12.3 x 12.6cm/39.5 x 11.5 x 27cm
Weight	Net: 500g/Gross: 1.6kg