Tekneka

Product Datasheet

Tekneka AT600 is a full 360° articulating inspection camera that has a 5" HD LCD screen, a one-meter (Ø6mm) flexible camera probe, and IP67 protection. The macro lens performs well with the shortest focal distance of 17mm, and it has 6 built-in LEDs with 8 different brightness levels to handle dark conditions. The AT600 can record both images and videos in 1080 HD quality and store them on a microSD card. With a 3400mAh rechargeable battery, it can run for roughly 4 hours. This model supports multiple languages, has an easy-to-use menu system, and makes data exporting simple. The 360° articulation allows for viewing in restricted areas that are inaccessible to normal inspection camera heads and is frequently used to inspect heavy-duty vehicles, industrial machinery, air conditioning systems, heat exchangers, and automobile engines.

Features

- A 5" LCD screen with HD quality output
- One meter 360° articulating camera with joystick controller
- This camera has full 360-degree rotating capabilities
- It contains an articulation locking feature to lock the camera position
- The lock feature helps in capturing the image and storing it on the SD card
- On display ruler, guide modes to measure the subject
- 6 built-in LEDs with 8 different brightness levels
- Images and videos are recorded and examined using an external SD card
- It can run for up to 4 hours on a single charge
- A simple interface with quick navigation buttons and a playback option
- MicroSD card slot supports up to 128GB
- Supports multiple languages and has an easy-to-use menu system
- Data can be exported by connecting to the PC

Applications

Tekneka AT600 articulating inspection camera 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

- AT600 Camera with a Probe
- Power Adapter
- USB Card Reader
- MicroSD Card
- Detachable Battery
- Mini Tripod
- User Manual
- Carrying Case

Ordering Info

AT600.....Articulating Inspection Camera (360°) Kit

Description	Ranges
Camera Head Diameter	Ø6mm/0.23"
Probe Length	1m/3.2ft (flexible cable)
Articulation	360° (joystick controller)
Probe Diameter	Ø6mm/0.23"
Vision Angle/Max Flexible Angle	120°/More than 180°
Image Sensor	CMOS (1208 x 720)
Display	5" HD LCD screen
Image/Video Resolution	1024 x 768, 960 x 720, 640 x 480
Camera Lighting	6 built-in LEDs with 8 different brightness levels
Focal Distance/Depth of Field	17mm/8 to 150mm (approximately)
Data Storage/Recording Type	MicroSD card (up to 128 GB)/Video & Image
Probe Material	Tungsten-braided steel braided layers
Data Port	HDMI/Micro-B
Protection Rating	IP67
PC Interface	USB 2.0
Operating Temperature	-10 to 80°C/14 to 176°F (15 to 90%RH)
Storage Temperature	-10 to 60°C/14 to 140°F
Power Supply	100 ~ 240V AC adapter/Output: DC 5V/2A
Battery	3400mAh Li-ion detachable battery
Language Support	11 multi-language
Dimensions	Device: 3.5 x 15.5 x 5.9cm/Case: 46 x 40 x 19cm
Gross Weight	5kg (Net weight: 1kg)