

Table Of Contents				
Product Introduction1				
Product Features1				
Product Specifications2				
UI Instruction7				
Quick Guide Autofocus/Manual Focus9				
Settings Interface10				
Wi-Fi Connecting12				
Transferring Files13				
Application14				
Safety Warnings15				
Fault Diagnosis16				

Product Introduction
The TF500 inspection camera features a high-definition 5-inch LCD display with a tempered glass screen. It is primarily used for inspecting hard-to-reach areas such as automotive evaporators, fuel tanks, and three-way catalytic sensors. With its flexible probe, users can easily maneuver the small tip into narrow spaces and view vivid, clear, and comprehensive images or videos on the display screen or mobile app.

Product Features
5-inch HD display with a resolution of 854x480
Temperature detection function: The device is equipped with a
temperature sensor to monitor the surrounding environment's temperature
in real-time, which is displayed on the main interface.
High-temperature alarm function
Wi-Fi capability, allowing connection to a mobile app
Detachable and installable screen module
Directional joystick controls multi-directional bending of the lens, with a

- 1 -

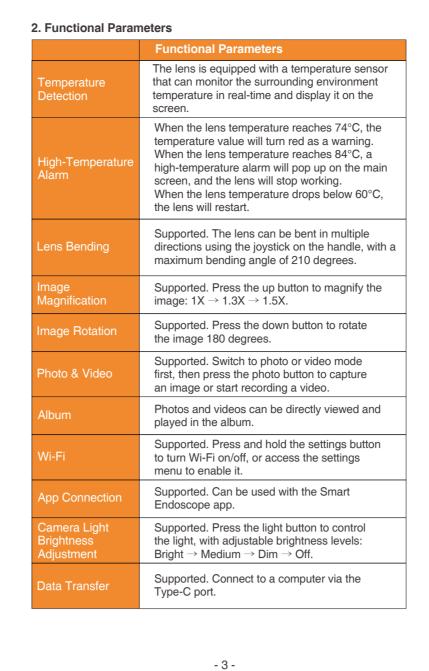
bending angle of  $\leq 210^{\circ}$ 

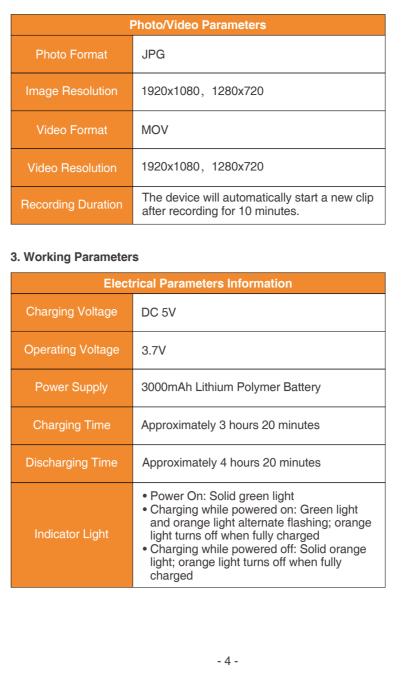
Type-C charging port

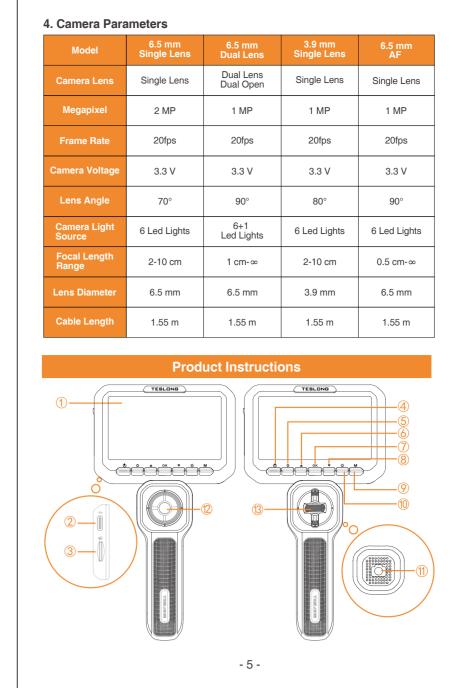
LED brightness adjustment for the camera

Supports connection to a computer for data transfer

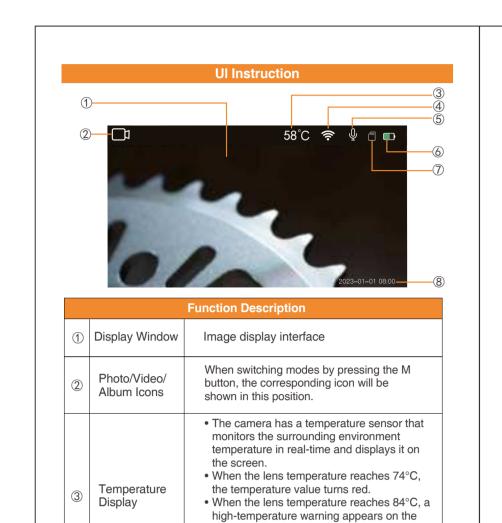








Function Description			
1	Display Screen	5-inch display screen	
2	Charging Port	Type-C charging port     Connect to a computer for file transfer	
3	TF Card Slot	Insert TF card	
4	Power Button	Long press to turn on/off the device	
(5)	Settings Button	In photo/video mode, press once to enter the system settings menu.     In album mode, pressing the settings button will prompt options to delete or protect files.     Long press the settings button to quickly toggle Wi-Fi on/off.	
6	Up Button	Select up Zoom during photo/video mode: 1X-1.3X-1.5X	
7	OK Button	In photo/video mode, press the OK button to pause the screen image In album mode, select a video and press OK to play or pause.	
8	Down Button	Select down Rotate the screen 180 degrees during photo/video mode.	
9	M Button	Mode switch (photo, video, album)	
10	Light Control Button	Adjustable LED light brightness for the lens. Cycle: Bright - Medium Bright - Low Bright - Off	
11)	Photo Button	In photo/video mode, press once to start photo/video recording, press again to stop recording.	
12	Four-way Joystick	Can drive the lens to bend in all directions, with a single-direction bending angle $\leq 210^{\circ}$ (Note: Wher the entire probe is in a straight or U-shaped state, the bending angle can reach 210°).	
13)	Two-way Joystick	Can drive the lens to bend in two directions, with a single-direction bending angle $\leq 210^{\circ}$ (Note: Wher the entire probe is in a straight or U-shaped state, the bending angle can reach 210°).	
		- 6 -	



main interface, and the camera stops working. The camera resumes operation

when the lens temperature drops below

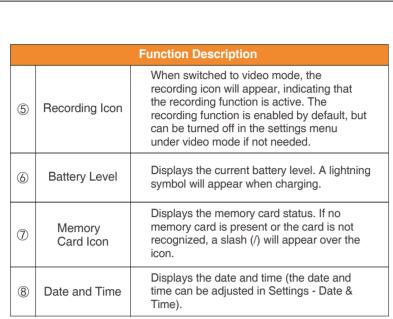
If not connected, the Wi-Fi icon will blink

will appear next to the Wi-Fi icon.

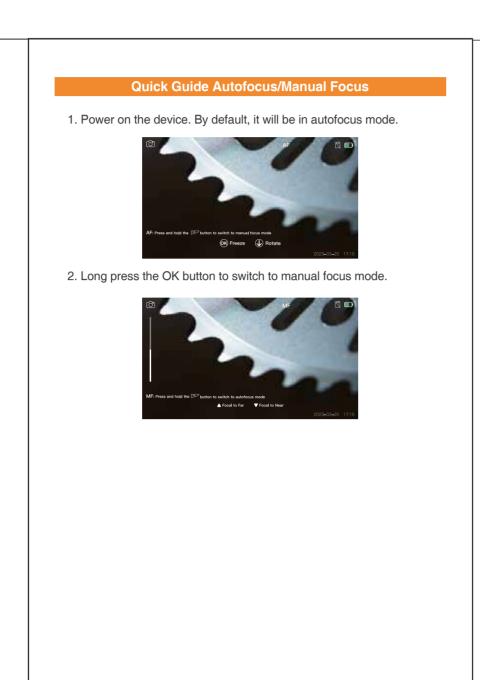
When Wi-Fi is enabled, the Wi-Fi icon appears.

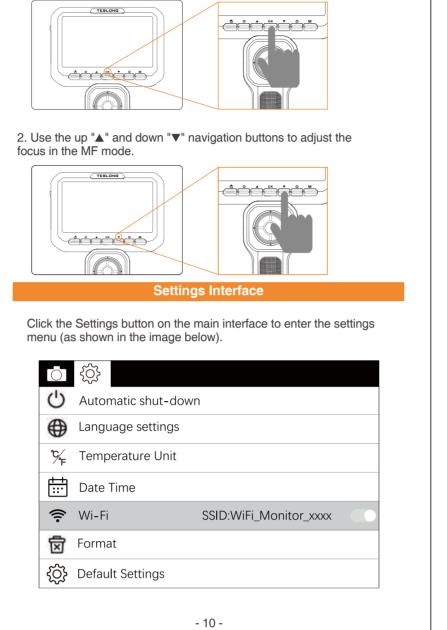
continuously. After a successful connection, the

Wi-Fi icon stops blinking, and double arrows

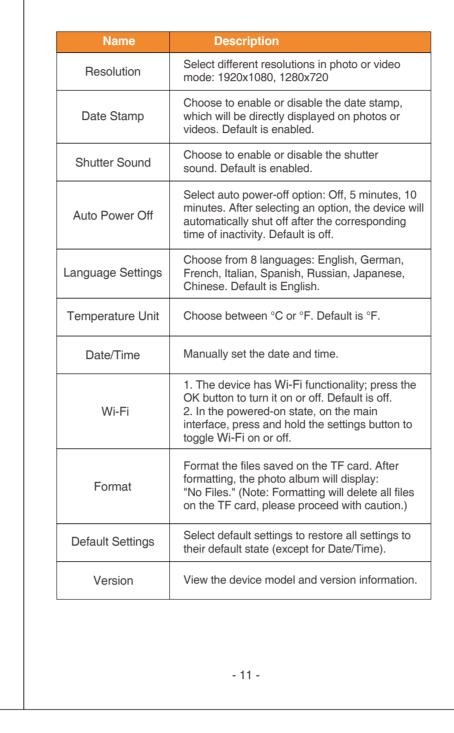


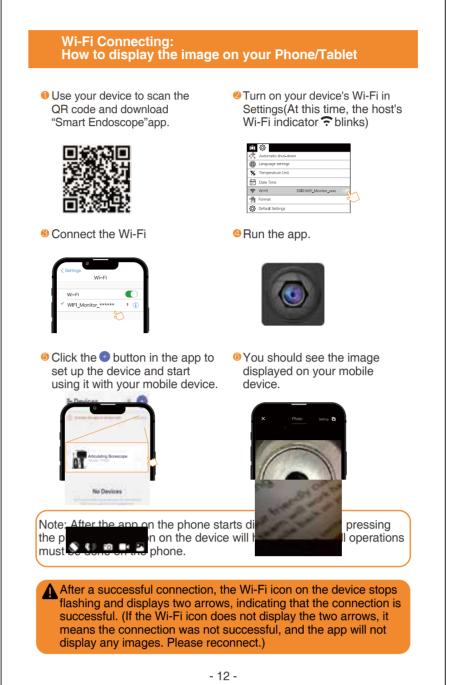
- 8 -

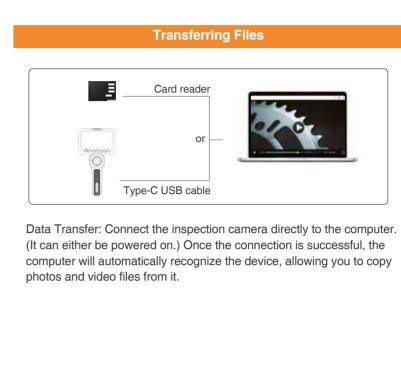




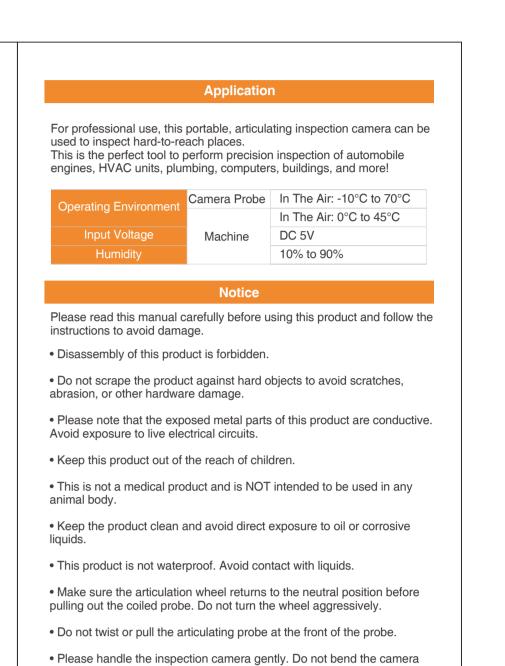
1.Press and hold the "OK" button to switch between AF/MF mode.





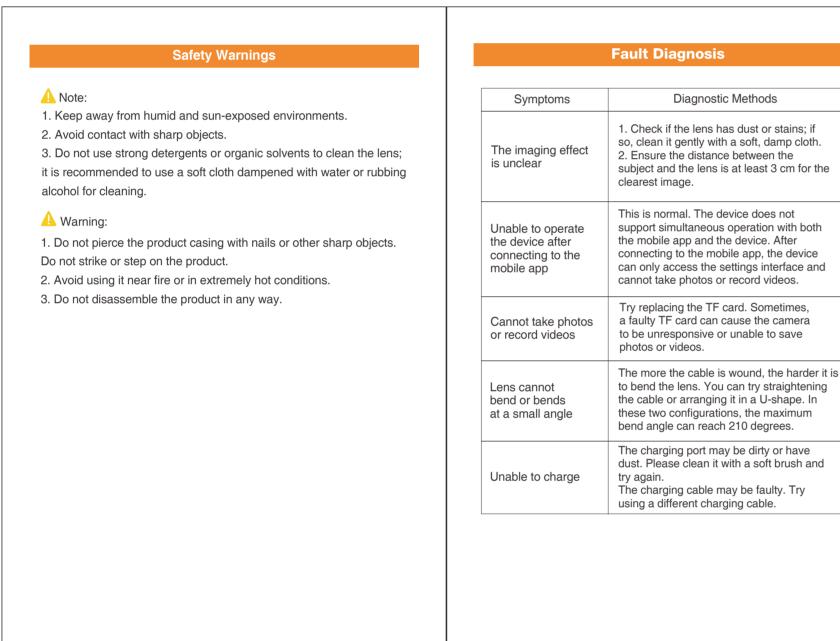


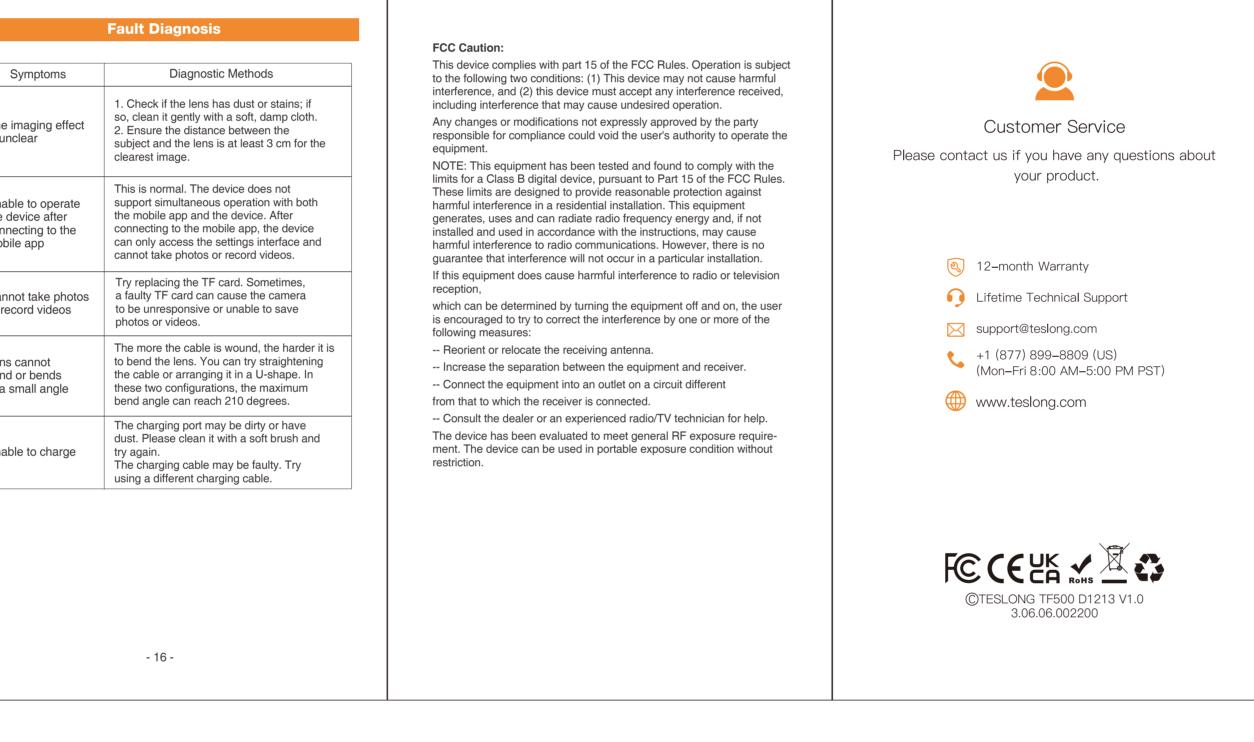
- 13 -



- 14 -

probe excessively.





Wi-Fi Icon