FTP Issue Description

Issue Phenomenon: During the time period from 20250101 to 20250930, the FTP server is unable to create date directories, and files are placed in the root directory. The customer reported that date folders cannot be created.

Analysis: When IPC queries the date directory from the server, it mistakenly recognizes the returned date directory name (20250101) as the return value 250, leading to the assumption that the directory already exists, which caused the issue.

Solution:

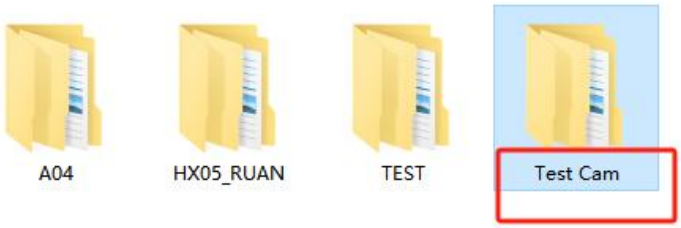
1Update the IPC board firmware to change the date directory name to 2025-01-01. However, this cannot be completed quickly by the end of the year, and no further packaging updates will be made for discontinued modules.

2Manually create the 20250101 directory on the FTP server, and then create the "images" and "record" directories under the 20250101 directory. Continue this process to create directories from 20250101 to 20250930. From 20251001 onwards, there is no need for manual creation; the camera will create folders normally.

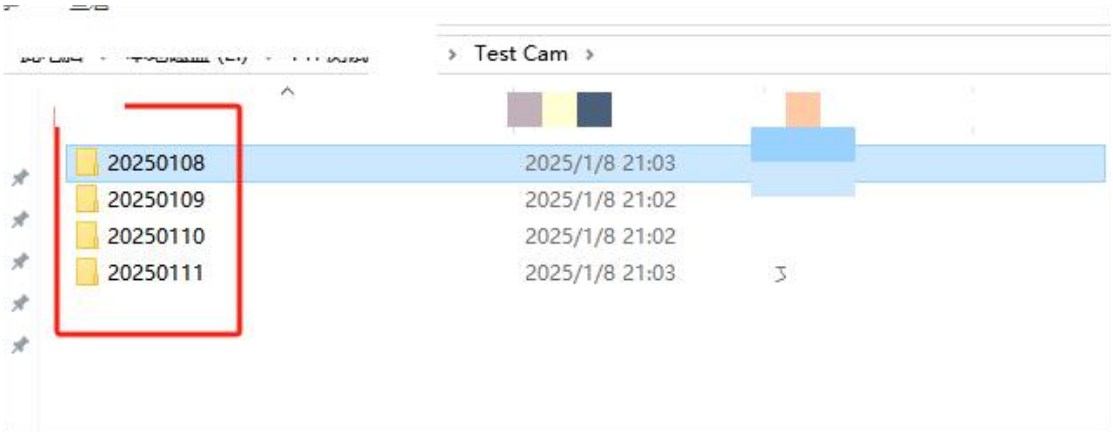
For discontinued modules, it is recommended that customers use this method, or customers who urgently need to use FTP can operate this way.

Screenshots of the method for manually creating folders:

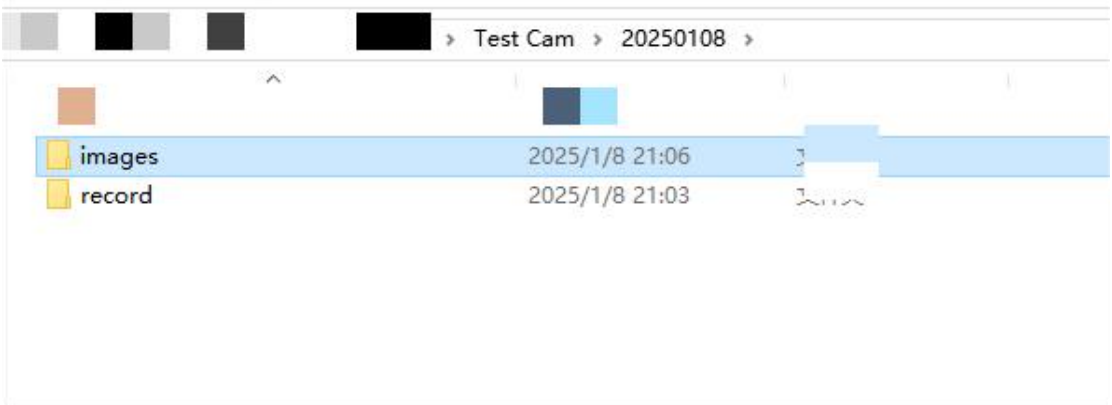
Create a path name, such as: Test Cam, on the FTP web interface or app.



Create a folder named Test Cam in the root directory of the FTP.



Create a subdirectory named 20250108 inside the Test Cam folder, and continue creating them in order.



Create 'images' and 'record' folders inside each date folder; if only uploading images, create only the 'images' folder. If uploading video files, create a 'record' folder.

After the test indicates success in the FTP test interface, the image or video files will be saved in the created folders.

You can use Python to create this folder structure. Here is a simple script that creates a folder for each day within the specified date range and includes two subfolders (images and record) in each folder.

```
from datetime import date, timedelta
import os

# Define the start and end dates
start_date = date(2025, 1, 1)
end_date = date(2025, 9, 30)

# Base directory where folders will be created
base_dir = "/mnt/data/date_folders/"

# Generate folders for each date
current_date = start_date
while current_date <= end_date:
```

```
    # Create the folder path for the current date
    date_folder_path = os.path.join(base_dir, current_date.strftime("%Y%m%d"))

    # Create the date folder along with "images" and "record" subfolders
    os.makedirs(os.path.join(date_folder_path, "images"), exist_ok=True)
    os.makedirs(os.path.join(date_folder_path, "record"), exist_ok=True)

    # Move to the next day
    current_date += timedelta(days=1)

# Confirm completion
base_dir
```

Instructions:
Make sure you have a Python environment installed.
Copy the above code into a Python file, such as create_folders.py.
Run the script from the command line: python create_folders.py.
After running, it will create a folder structure from January 1, 2025, to September 30, 2025, in the current directory.