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Release Notes

1.1 OverView

Item	Description
Product name	Network camera
Firmware Basic Information	内核版本 NVSS_V30.0.0.20230501_SP1 网页版本 6.1.23.530 CGI 版本 CGI_V3.0.0.20230529 ONVIF 版本 V22.12.230518.63B01E24 RTSP 版本 V1.2.9.230518.63B01E24 APP 版本 V4.3.0.230518.63B01E24
Related product	PRO: 1D.20010.002283 1D.20010.004231 1D.20010.002313 1D.20010.002284 1D.20010.002316 1D.20010.004220 1D.20010.002285 1D.20010.002317 1D.20010.004221 1D.20010.002286 1D.20010.004073 1D.20010.002306 1D.20010.004067 1D.20010.004238 1D.20010.002307 1D.20010.002291 1D.20010.004239 1D.20010.002311 1D.20010.002292 1D.20010.004240 1D.20010.002310 1D.20010.002293 1D.20010.002318 1D.20010.002304 1D.20010.002294 1D.20010.002319 1D.20010.002305 1D.20010.004197 1D.20010.004215 1D.20010.003135 1D.20010.002320 1D.20010.004216 1D.20010.003136 1D.20010.002321 1D.20010.004072 1D.20010.003137 1D.20010.002322 1D.20010.002281 1D.20010.003138 1D.20010.002323 1D.20010.002282 1D.20010.003143 1D.20010.004211 1D.20010.004207 1D.20010.003144 1D.20010.004212 1D.20010.004208 1D.20010.003145 1D.20010.004214 1D.20010.002273 1D.20010.003139 1D.20010.004213 1D.20010.002274 1D.20010.003142 1D.20010.004068 1D.20010.004203 1D.20010.003141 1D.20010.004069 1D.20010.004204 1D.20010.003140 1D.20010.002299 1D.20010.002279 1D.20010.004346 1D.20010.002300 1D.20010.002280 1D.20010.004347 1D.20010.002301 1D.20010.004199 1D.20010.004342 1D.20010.002302 1D.20010.004200 1D.20010.004343 1D.20010.004065 1D.20010.002271 1D.20010.004344 1D.20010.002297 1D.20010.002272 1D.20010.004345 1D.20010.002295 1D.20010.002277 1D.20010.004348 1D.20010.002296 1D.20010.002278 1D.20010.004349 1D.20010.002298 1D.20010.002269 1D.20010.004352

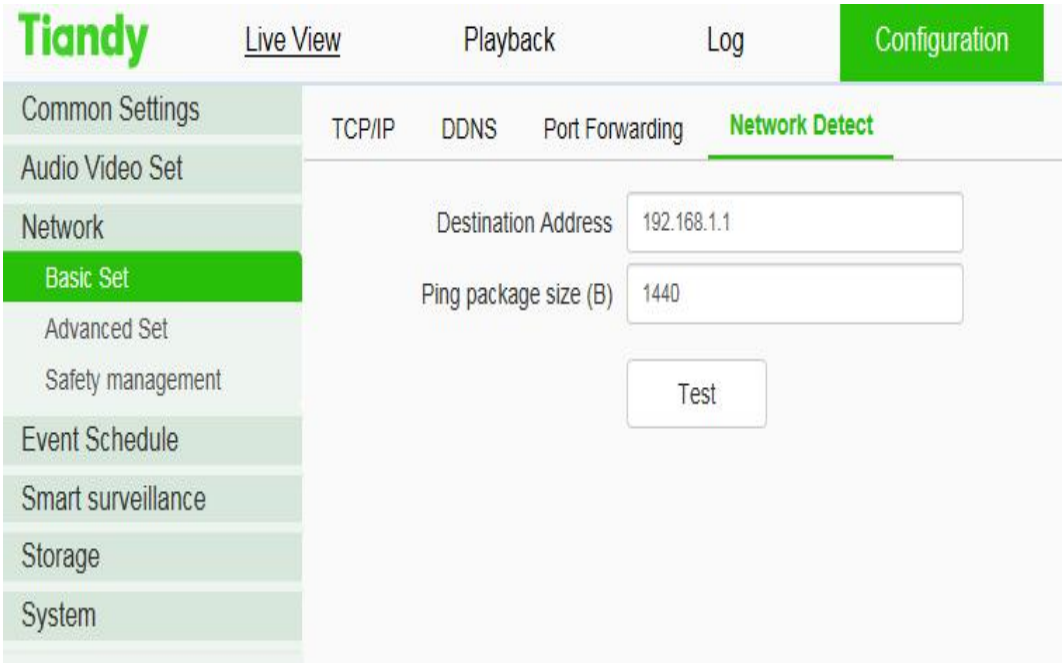
	1D.20010.002287 1D.20010.002270 1D.20010.004353 1D.20010.002288 1D.20010.002314 1D.20010.004354 1D.20010.004066 1D.20010.002315 1D.20010.004355 1D.20010.004198 1D.20010.004224 1D.20010.004350 1D.20010.002289 1D.20010.004225 1D.20010.004351 1D.20010.002290 1D.20010.002308 1D.20010.004071 1D.20010.002324 1D.20010.002309 1D.20010.004070 1D.20010.002325 1D.20010.002312 1D.20010.004228 1D.20010.002326 1D.20010.004229 1D.20010.004230 1D.20010.002327 SMD: 1D.20010.004425 1D.20010.004423 1D.20010.004407 1D.20010.004438 1D.20010.004436 1D.20010.004413 1D.20010.004426 1D.20010.004427 1D.20010.004399 1D.20010.004439 1D.20010.004440 1D.20010.004405 1D.20010.004420 1D.20010.004428 1D.20010.004411 1D.20010.004433 1D.20010.004441 1D.20010.004417 1D.20010.004538 1D.20010.004429 1D.20010.004397 1D.20010.004539 1D.20010.004442 1D.20010.004403 1D.20010.004540 1D.20010.004430 1D.20010.004398 1D.20010.004541 1D.20010.004443 1D.20010.004404 1D.20010.004542 1D.20010.004396 1D.20010.004409 1D.20010.004418 1D.20010.004402 1D.20010.004415 1D.20010.004431 1D.20010.004408 1D.20010.004410 1D.20010.004419 1D.20010.004414 1D.20010.004416 1D.20010.004432 1D.20010.004394 1D.20010.004543 1D.20010.004421 1D.20010.004400 1D.20010.004544 1D.20010.004434 1D.20010.004395 1D.20010.004545 1D.20010.004422 1D.20010.004401 1D.20010.004546 1D.20010.004435 1D.20010.004406 1D.20010.004547 1D.20010.004424 1D.20010.004412 1D.20010.004536 1D.20010.004437 LITE: 1D.20010.002343 1D.20010.004327 1D.20010.004331 1D.20010.002344 1D.20010.004328 1D.20010.002341 1D.20010.002345 1D.20010.004329 1D.20010.002342 1D.20010.002346 1D.20010.002339 1D.20010.004058 1D.20010.004055 1D.20010.002340 1D.20010.004332 1D.20010.004056 1D.20010.004057 1D.20010.004333 1D.20010.004326 1D.20010.004330

1.2 Reason of Upgrade

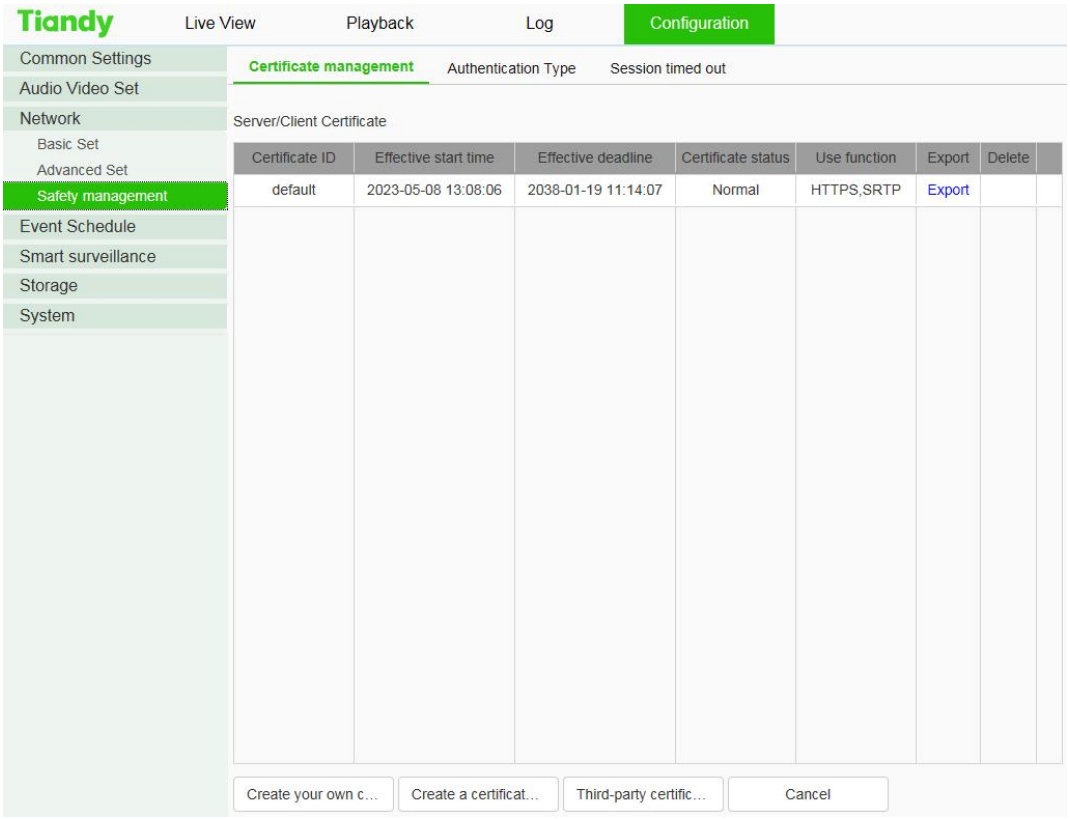
Fix known defects and optimize product performance.

1.2.1 New Features

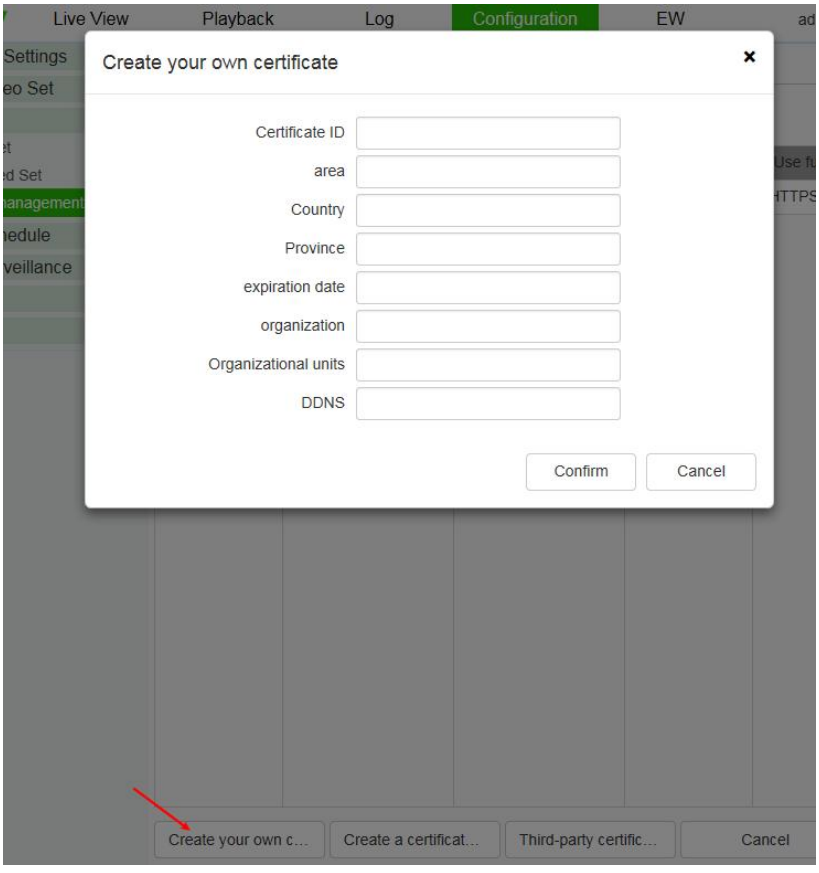
1. Added network detection function, which can be used to determine whether the IPC is connected to the target device's network.



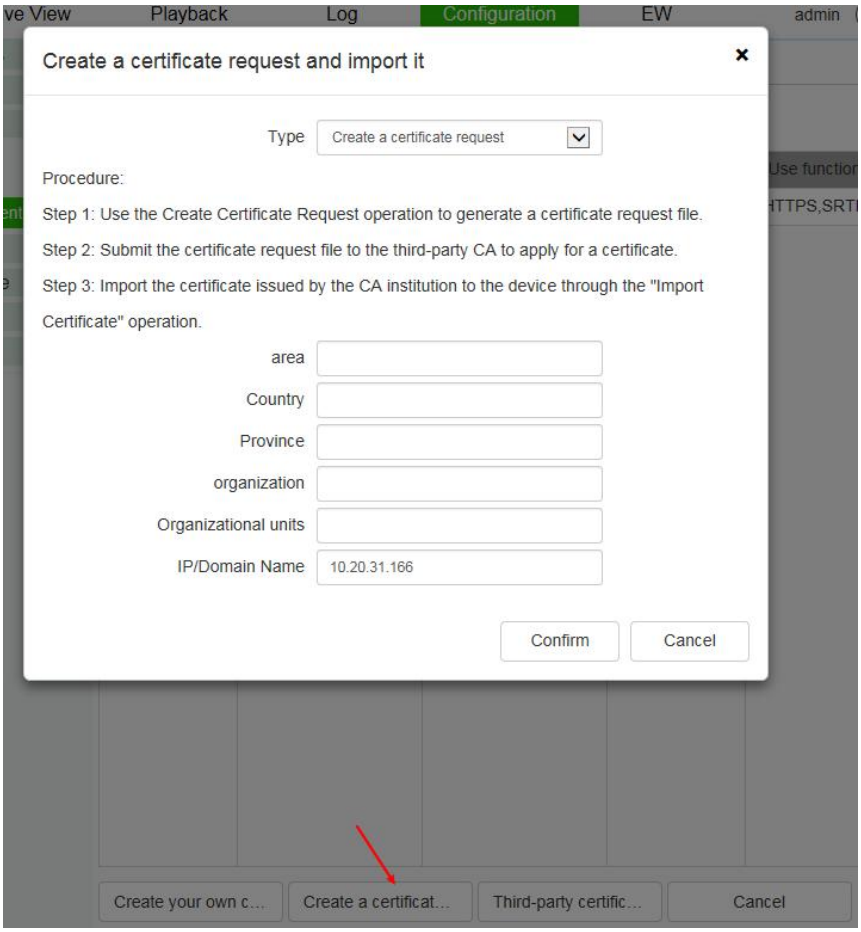
2. Add certificate management function, as shown in the following figure:



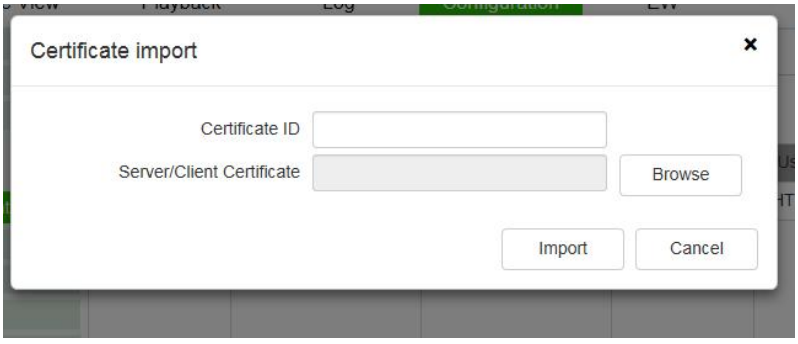
① .Can achieve self creation of certificates;



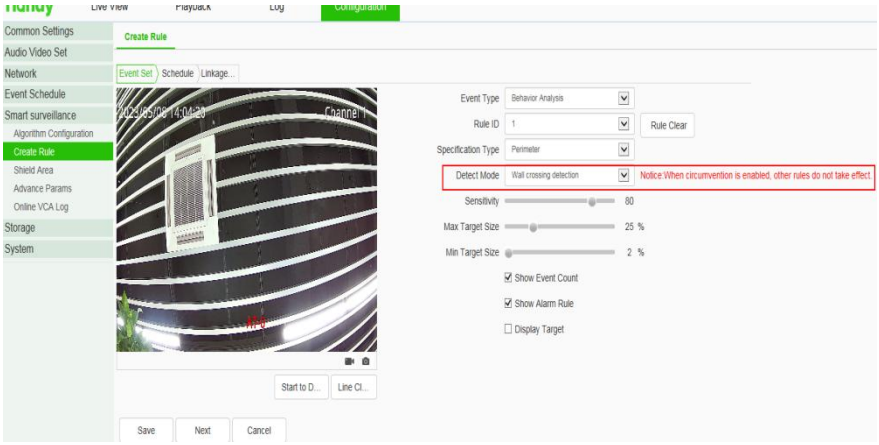
② .Create a certificate request and import it



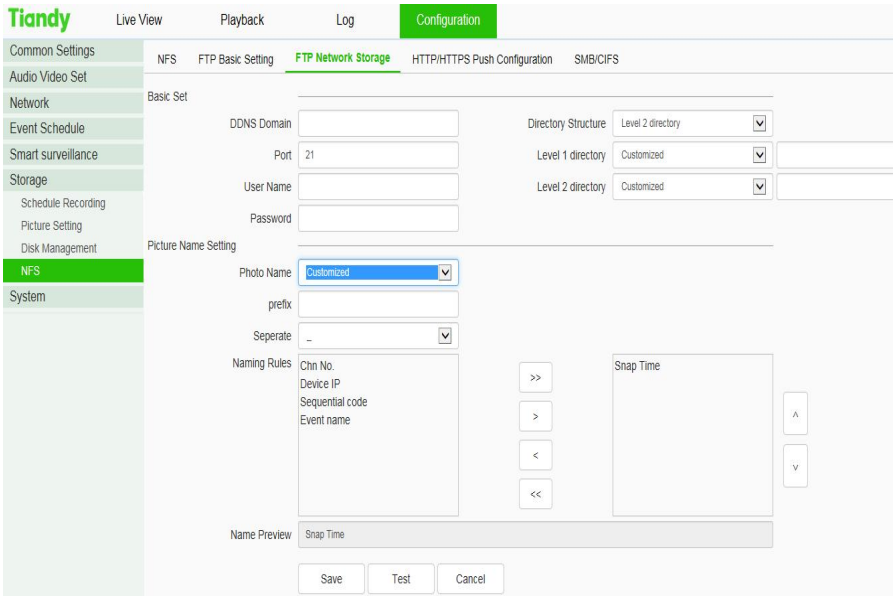
③ .Import third-party certificates



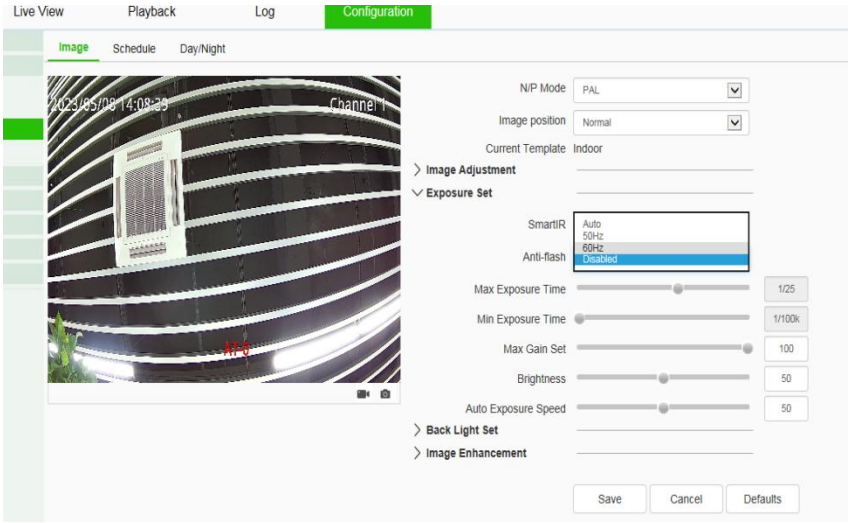
3. Add wall crossing detection to the behavior analysis perimeter;



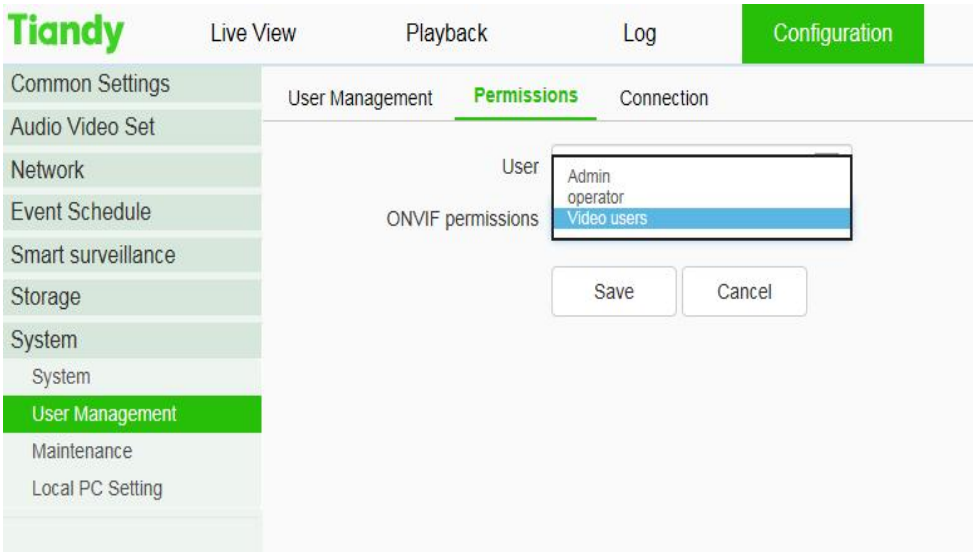
4. FTP sending image naming supports customization, with options for channel number, device IP, sequence code, and event name.



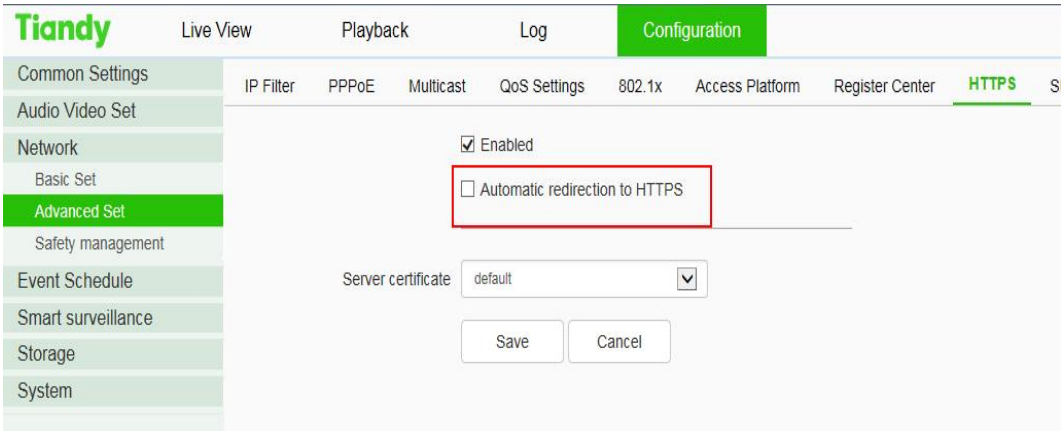
5. Image setting parameters, adding anti flicker function.



6. Add ONVIF permission management function to achieve independent permission management for ONVIF users and WEB users.



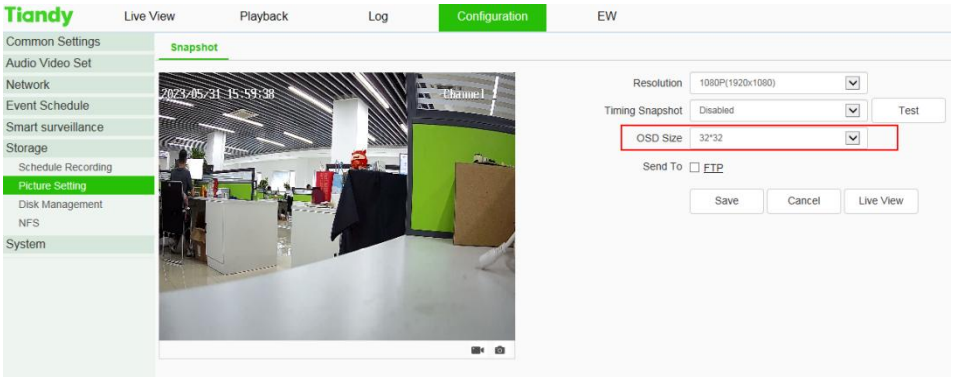
7. Add the automatic jump to HTTPS login function, and once enabled, directly jump to HTTPS login.



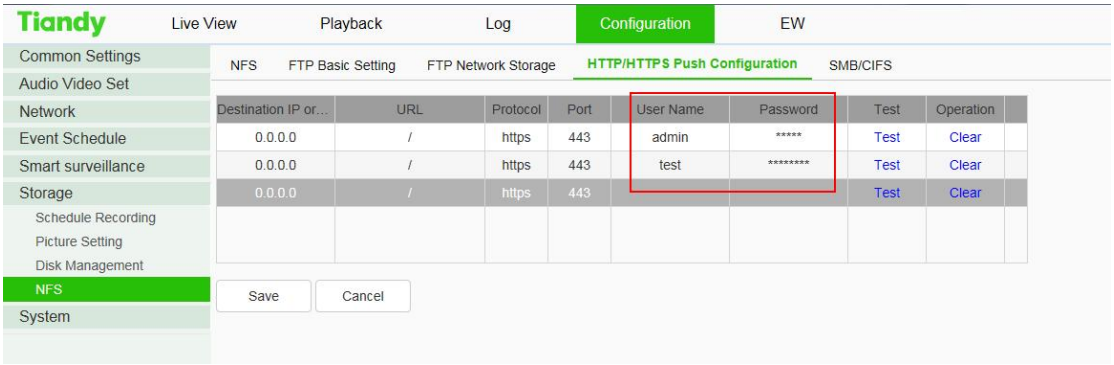
9. Adding device SN number and version information during log export facilitates obtaining the necessary information for troubleshooting issues.

10. The ONVIF protocol supports upgrading packages.

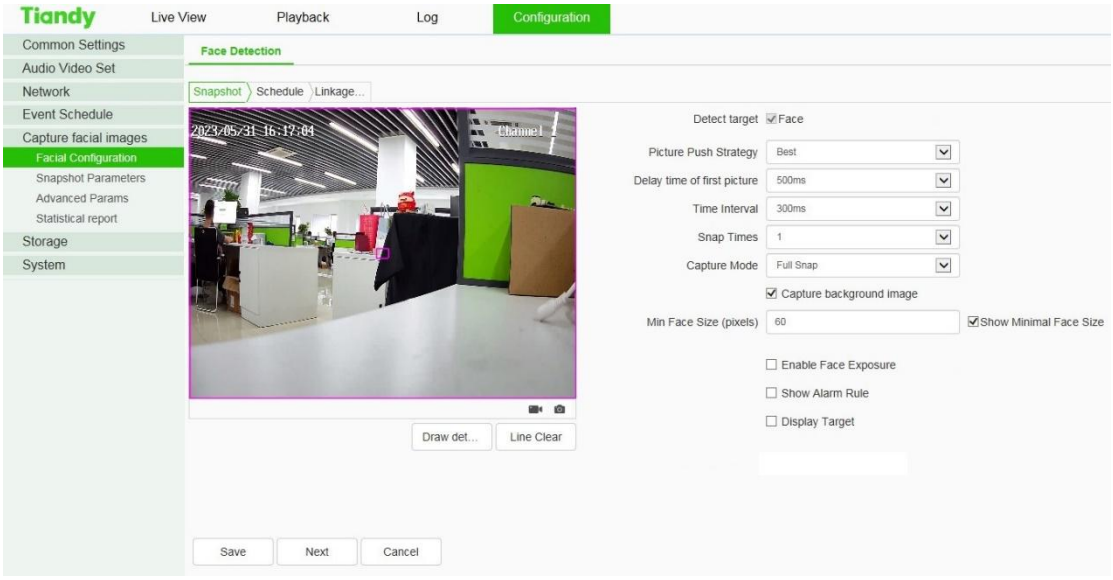
11.The OSD font size can be independently set when capturing images at a fixed time;



12. All entries in the WEB interface support modification using the entry export tool(excluding logs).
13. New Albanian language.
14. HTTP/HTTPS push chart, add username and password verification, do not input, do not verify username and password;



15. The APP supports video screening by alarm type (manual recording, regular recording, mobile alarm, video occlusion, intelligent analysis, port alarm) and supports downloading SD card recordings.
16. RTSP adds facial attributes (gender, age, mask) information in captured image streams.
17. ONVIF supports Profile M.ONVIF supports Profile M.
18. Optimize the effect of facial capture;
19. Optimization behavior analysis algorithm performance indicators;
20. Optimize the performance indicators of the line drawing number statistics algorithm;
21. SMD series products add facial capture function (does not support facial attributes);



22.TC-C32LS: I10/E/Y/M/5-50mm with preset focusing function added;

1.2.2 Fixed bugs

None

1.2.3 Pending Issues

None

1.3 Update Guide

1. You can upgrade the Camera by Search Config Tool、 web. For details, see Upgrade Guide.
2. Services such as view will be paused during the upgrade process. The Camera works normally after upgrade and rebooting.
3. The upgrade does not affect previous settings of the Camera.
4. Do not power off during the upgrade process, or the Camera will not boot up properly.