New features and enhancements:

1. Added remote registration to support adding IPC to NVR over public networks.

2. Enhanced alarm linkage options for event detection in IPC and NVR configurations:

(1) Added Alarm Out Linkage to Trigger Action, Highlight Window to Normal Action, and Light Alarm & Audible Alarm to Channel Linkage in Event Settings.

(2) Added Alarm Output Linkage and PTZ Linkage in NVR Alarm Input Settings, integrated Light Alarm and Audible Alarm into Linkage Actions.

3. Added support for configuring IPC's Alarm In and Alarm Out in Alarm Device settings.

4.Supported Active Defense settings for IPC, including quick arming and disarming.

5. Supported simultaneous storage of main and sub streams.

6. Supported switching between main and sub streams during playback, with auto mode prioritizing the main stream.

7. Adapted to support VMS AI search using people and vehicle attributes.

8. Supported OpenAPI.

9. Added support for Alarm Server.

10. Supported SNMP.

11. Supported IPv6.

12. Supported TP-Link DDNS.

13. Improved video export module with asynchronous exporting for faster processing.

14. Support RTSP Server.

15. Optimized video search and export functions.

16. Supported initializing NVR from different subnets using the VIGI Config Tool.

17. Added support for Sub Stream-Main Stream (Event) in storage settings to reduce storage consumption.

18. Added Scene Mode settings in camera display, supporting Default,

Bright, and Custom modes.

19. Supported Time & Date Format setting.

20. Optimized platform access and Cloud Service.

21. Supported password recovery via bound TP-Link ID.

22. Supported resolution setting via the web interface.

23. Optimized initialization process.

24. Supported entering a domain name when adding IPC via ONVIF protocol.

25. Added feature to check if IPC is already managed by another NVR during discovery.

26. Supported IP modification for added IPC.

27. Supported keeping IPC online when IP address changed via its MAC address in the same segment.

28. Optimized the reboot and upgrade mechanisms of the NVR.

29. Enhanced system stability, including improvements to streaming and connection stability.

30. Optimized the event push mechanism.

31. Optimized playback module.