

Thermal TandemVu Series

V5.5.78

Release note

(2025-10-31)

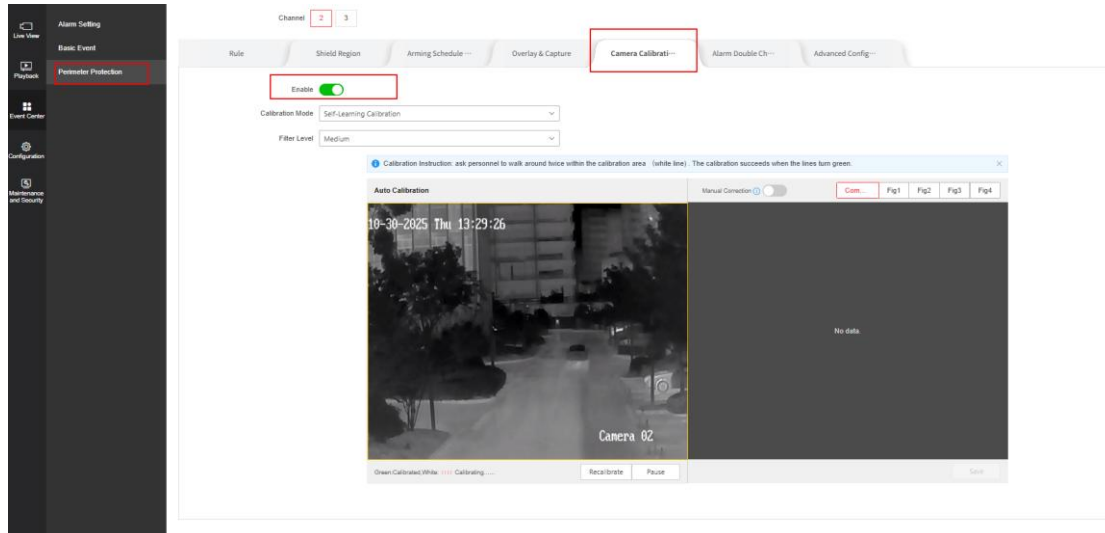
1. Basic Information

Firmware Version	V5.5.78 build 251031
SDK Version	V7.3 build 250901
Web Component	V5.1.209_R0101 build 250827
Perimeter Protection Algorithm Version	V2.1.2build20240906

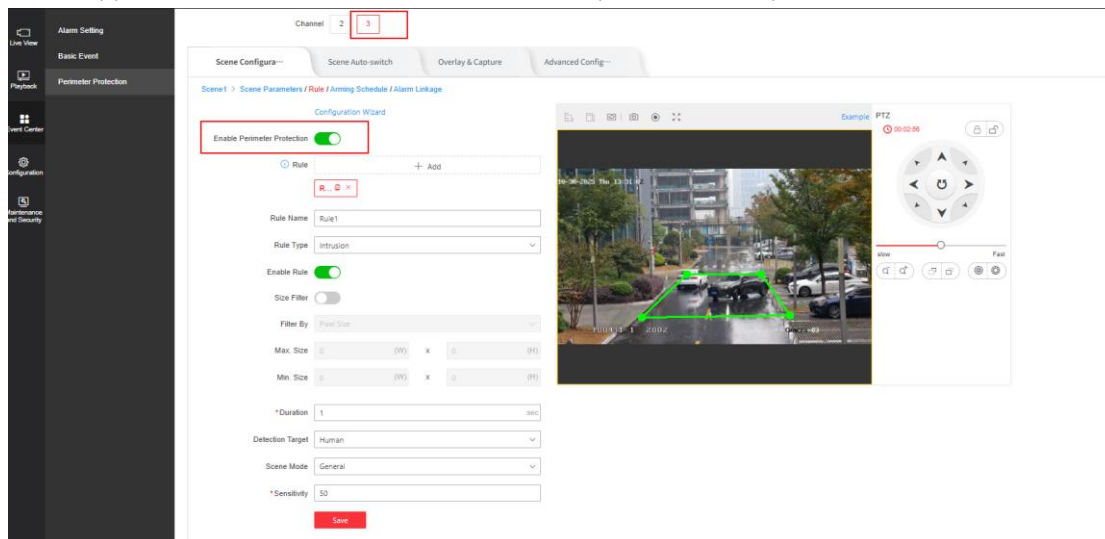
2. V5.5.78 build 251031 New Features

2.1 Perimeter Protection

2.1.1 Support Self-learning calibration



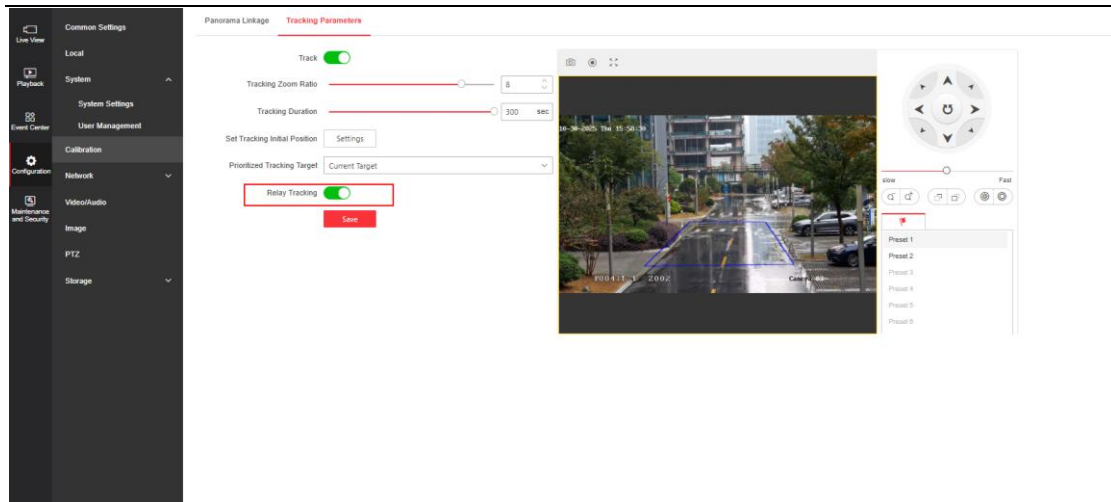
2.1.2 Support Perimeter Protection for PTZ camera, perform blind spot detection.



2.2 Alarm verification and tracking

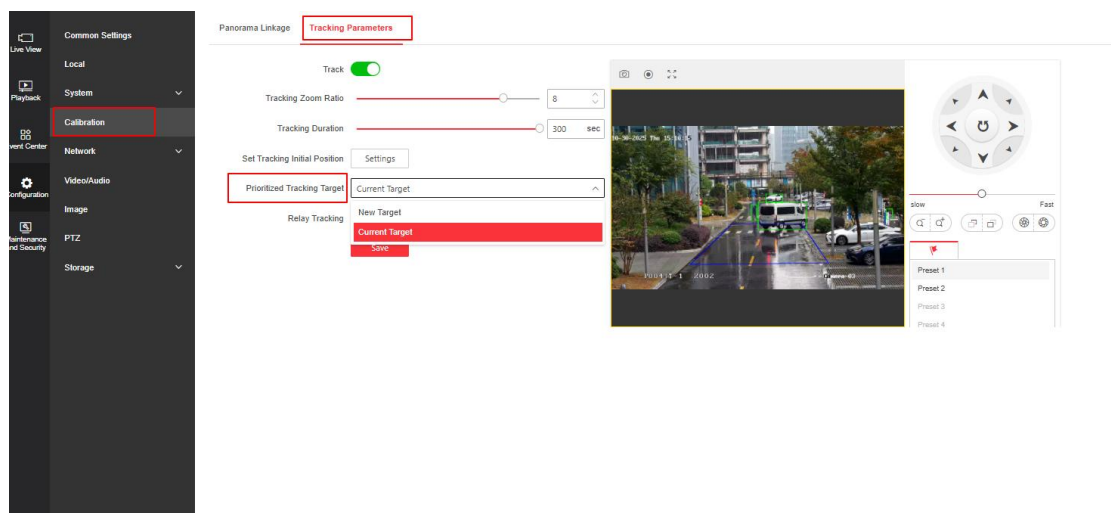
2.2.1 The PTZ camera supports automatic takeover tracking

When the target leaves the thermal field of view, the PTZ will take over and continue tracking and return to either the first configured scene for perimeter protection or tracking initial position upon tracking duration timeout or target loss.



2.2.2 Web Client support Prioritized Tracking Target.

New Target or Current Target

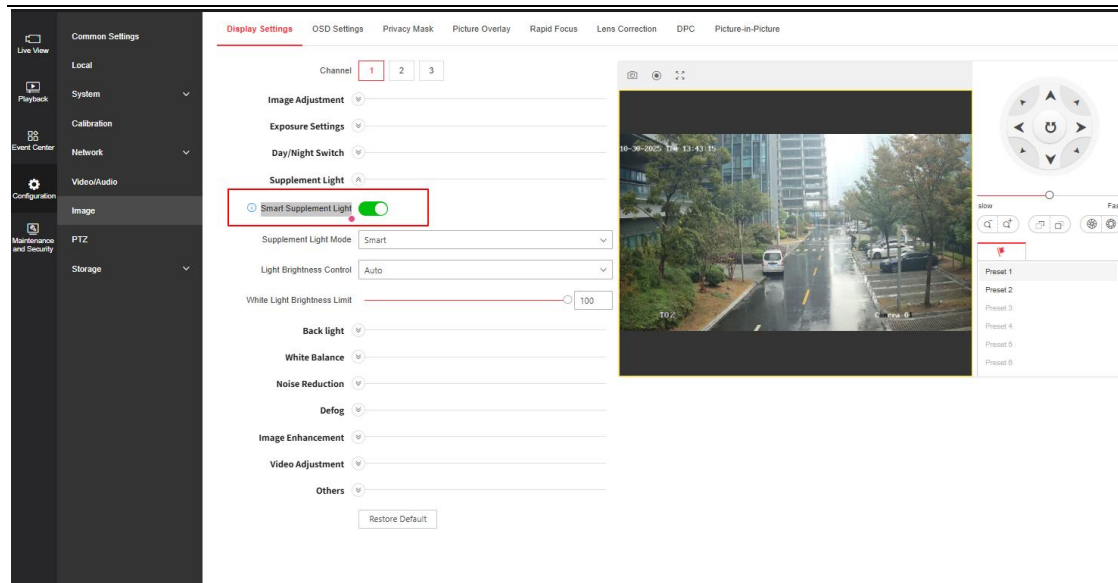


2.3 Image

2.3.1 The Supplement Light Mode supports two modes at night, configurable via the web.

Smart: The white supplement light only turns on when the perimeter protection alarm is triggered and double checked at night to enable full color alarm capture.

White Supplement Light: The supplement is always on at night.



2.4 Calibration

2.4.1 When Self-learning calibration fails, display the reason for calibration failure.

3 V5.5.78 build 251031 Optimized Features

3.1 Optimize the IP segment for internal communication between the PT and Fixed cameras.

3.2 Update the software SDK to the same version as FW 5.5.320

3.3 The perimeter detection performance is consistent with FW 5.5.320

4 Supported Product List

Thermal TandemVu Series Camera	HM-TX2840-10/G0/T1
	HM-TX3840-10/G0/T1
	HM-TX3840-15/G0/T1
	HM-TX3840-25/G0/T1