

CHeKT 6.2.0

Release Readme

October 2026

Overview

CHeKT Release 6.2.0 gives dealers more control over how bypassed cameras behave. A camera placed in swinger bypass after repeated alarms can now return to service on its own. The release also expands camera API support, doubles the VCP audio message capacity, and lays the firmware groundwork for upcoming temporary actions (Temp Disarm and Temp Bypass) and embedded camera functions in HTTP actions. Rounding it out are fixes that improve arming accuracy, strengthen partition reliability during cloud outages and at boot, improve communication on multi-VCP sites, and increase camera and network stability. Below is a summary of what is included.

Firmware Versioning Change

As part of a restructuring of our firmware development process, CHeKT has transitioned from a four octet firmware versioning scheme (e.g., 6.0.2.1) to a streamlined three octet representation (e.g., 6.2.0). The previous four octet format was designed to accommodate an additional layer of granularity that reflected an older internal development and release workflow. With the reorganization of our firmware development pipeline, that extra versioning segment is no longer necessary, and the simplified three octet model, following the widely adopted Major.Minor.Patch convention, better aligns with our current development cadence and release structure.

This change is purely organizational in nature and does not affect device compatibility or functionality. Any firmware versions previously expressed in the four octet format have been mapped to their corresponding three octet equivalents going forward.

Features & Enhancements

1. Swinger Bypass Auto-Reset

When a camera generates repeated alarms in a short period, swinger bypass temporarily removes it from service so a site is not flooded with events. Until now, that camera stayed bypassed until the system was disarmed. Release 6.2.0 lets a dealer set a **restore time** so a camera placed in swinger bypass **returns to service automatically** after the set time, with no disarm, operator, or dealer action required.

- The Swinger Bypass Auto Restore timer starts **as soon as the camera goes into swinger bypass**. Once the timer expires, the camera is restored to operation and an **R575** is sent to the monitoring center
 - Configured per device in the Dealer Portal under **Device Configuration > Alarm > Swinger Bypass**

2. Expanded Camera Support & Audio Capacity

- **Milesight** now appears in the Dealer Portal supported camera list
- **Hanwha** camera API support has been added to the firmware, with Dealer Portal availability to follow
- The VCP audio message cache has been **doubled from 20 to 40 messages**

3. Temporary Actions: Temp Disarm & Temp Bypass (Firmware Foundation)

Release 6.2.0 puts the VCP firmware in place to support **temporary actions**, giving dealers and operators a way to take a system or camera out of service for a set time without the risk of forgetting to put it back.

- **Temp Bypass**: bypass a camera for a **set duration**, after which it **returns to service automatically**. A duration of **0** keeps the camera bypassed **until the system is disarmed**
- **Temp Disarm**: temporarily disarm a system for a **set period of time**

NOTE: These features are not yet available. This release provides the underlying firmware support; the dealer-facing capability will be included in a later release.

4. Embedded Camera Functions in HTTP Actions (Firmware Foundation)

Release 6.2.0 puts the VCP firmware in place to support **embedded camera functions** in HTTP actions, such as triggering a camera's **relays, lights, and other on-camera actions** from an automation.

NOTE: This feature is not yet available. This release provides the underlying firmware support; the dealer-facing capability will be included in a later release.

5. Reliability, Security & Fixes

The remainder of Release 6.2.0 is dedicated to fixes that make the platform more dependable in the field. Highlights include:

- **Partition reliability:** partitioned sites now recover their partition configuration from local backup when the cloud is unreachable, so armed partitions keep producing alarms and recordings, and partitions using High Voltage Arming now reflect the current input state immediately at boot and when an input is assigned
- **Arming accuracy:** the exit countdown now starts correctly after a system is disarmed mid countdown, and alarm signals are no longer sent after disarm when AI analysis was still in progress
- **Multi-VCP communication:** sub VCPs are no longer rejected by the broker after a key change, and Digital Input levels are now shared between main and sub VCPs
- **Camera stability:** camera event sessions are now closed properly, resolving a buildup of unused sessions that could cause the AXIS analytics page to load a black screen
- **System and network stability:** resolved unexpected network restarts on eth1 only devices such as the CKB416, a watchdog issue after restart, and oversized log uploads on large sites

For the complete technical list of changes, refer to the CHeKT Firmware 6.2.0 Release Notes (Document 001-0104-00).