

TruVision 12/32 Series IP Camera Firmware V7.1 Release Notes

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Introduction

These are the TruVision 12/32 Series IP Camera Firmware V7.1 Release Notes with additional information not covered in the user manual. For the latest information on the TruVision 12-32 Series, please visit:

Americas: <http://www.interlogix.com/videoupgrades>

EMEA: www.utcssecurityproducts.eu

Australia: www.interlogix.com.au

Supported camera list

IP box camera:

- TVC-1201 (1.3MPX box camera, PAL)
- TVC-3201 (1.3MPX box camera, NTSC)
- TVC-1202 (3MPX box camera, PAL)
- TVC-3202 (3MPX box camera, NTSC)

IP outdoor bullet camera:

- TVB-1201 (1.3MPX bullet, 2.8 to 12mm motor lens, 30m IR, PAL)
- TVB-3201 (1.3MPX bullet, 2.8 to 12mm motor lens, 30m IR, NTSC)
- TVB-1202 (3MPX bullet, 2.8 to 12mm motor lens, 30m IR, PAL)
- TVB-3202 (3MPX bullet, 2.8 to 12mm motor lens, 30m IR, NTSC)
- TVB-1203 (3MPX bullet, 8 to 32mm motor lens, 50m IR, PAL)
- TVB-3203 (3MPX bullet, 8 to 32mm motor lens, 50m IR, NTSC)

IP VF vandal dome camera:

- TVD-1201 (1.3MPX VF dome, 2.8 to 12mm VF lens, 30m IR, PAL)

- TVD-3201 (1.3MPX VF dome, 2.8 to 12mm VF lens, 30m IR, NTSC)
- TVD-1202 (3MPX VF dome, 2.8 to 12mm VF lens, 30m IR, PAL)
- TVD-3202 (3MPX VF dome, 2.8 to 12mm VF lens, 30m IR, NTSC)

IP outdoor dome camera:

- TVD-1203 (1.3MPX dome, 2.8 to 12mm motor lens, 30m IR, PAL)
- TVD-3203 (1.3MPX dome, 2.8 to 12mm motor lens, 30m IR, NTSC)
- TVD-1204 (3MPX dome, 2.8 to 12mm motor lens, 30m IR, PAL)
- TVD-3204 (3MPX dome, 2.8 to 12mm motor lens, 30m IR, NTSC)
- TVD-1205 (3MPX dome, 8 to 32mm motor lens, 50m IR, PAL)
- TVD-3205 (3MPX dome, 8 to 32mm motor lens, 50m IR, NTSC)

Improvements with Firmware V7.1

1. Added support for 30 languages in the web browser: *English, Simplified Chinese, Traditional Chinese, Russian, Turkish, Japanese, Korean, Thai, Vietnamese, Estonian, Bulgarian, Hungarian, Czech, Slovak, French, Italian, German, Spanish, Portuguese, Polish, Greek, Dutch, Romanian, Finnish, Norwegian, Danish, Swedish, Croatian, Serbian, Slovenian.*
2. Added *Region Entrance Detection* intelligence feature to the supported cameras. Objects entering a pre-defined area in the image will cause a set of pre-defined linkage or alarm actions to be triggered.
3. Added *Region Exiting Detection* intelligence feature to the supported cameras. Objects exiting a pre-defined area in the image will cause a set of pre-defined linkage or alarm actions to be triggered.
4. Added *Object Removal Detection* intelligence feature to the supported cameras. Removal of an object or multiple objects from a pre-defined area in the image will cause a set of pre-defined linkage or alarm actions to be triggered.
5. Added *Unattended Baggage Detection* Intelligence feature to the supported cameras. When an abandoned object or multiple objects are detected in the pre-defined area in the image, a set of linkage or alarm actions can be triggered.
6. Added *Object Counting* Intelligence feature to the supported cameras. The camera can count the number of objects entering or exiting a pre-defined area in the image.
7. Improved *Audio Exception Detection* feature (for cameras supporting audio). The new functions include *Audio Loss Detection, Sound Intensity Steep Rise* and *Sound Intensity Steep Drop.*

8. Added *Target Cropping* feature to the supported cameras. Users can specify a target area on the live video image, and have the third stream dedicated for this area in a pre-defined resolution.
9. Added SVC (Scalable Video Codec) feature to support extracted frame transmission under insufficient bandwidth.
10. Added *Stream Smoothness Adjustment* settings to avoid dramatic bit rate change to the video stream.
11. Added *Multicast Discovery On/Off* settings in browser UI to support multicast in multiple domains.
12. Added MP2L2 and PCM options to Audio Encoding type.
13. Improved security and vulnerability by locking out a user's IP address after failed login attempts.
 - Default attempts: Admin: 12 attempts; User: 10 attempts
 - Default locking time: 5 minutes.
 - Failed attempts type: Wrong username and/or unmatched password.
14. Added SSH (Secure Shell) feature for secure remote access and device management.
15. Added *Upload HTTPS Certificate* feature for using HTTPS URL (Uniform Resource Locator) to log into cameras with a user self-signed certificate or a third-party organization approved certificate.
16. Added Domain of FTP address settings in browser UI.
17. Added password complexity identifier of *Weak, Medium, Strong* signs in *User* menu.
18. Upgrade micro SD/SDHC/SDXC driver to support 128GB capacity.
19. Added *Lens Distortion Correction On/Off* settings in the browser UI. This feature will digitally reduce the lens optical distortion effect to the image.
20. Added Folder button in *Local Configuration* menu to create folders for saving video clips and/or images.
21. Added Alarm Output button in *Live View* menu to let user(s) activate an alarm output.
22. Added Default button in *Image Setting* menu to let user(s) restore the default image settings quickly.
23. Added Alarm Server IP and Port settings in the browser UI. When an alarm is triggered, the predefined alarm host server (e.g., TruVision Navigator) will be notified.
24. Added a timeout feature when Telnet is turned On for 5 minutes.

Issues resolved with Firmware V7.1

1. Disabled the control buttons of Direction, Wiper, Light on the PTZ panel in the browser UI for those cameras without RS-485 output.
2. Increased the delay time of registering to ezDDNS server.
3. Fixed the incorrect message that appeared when a user clicked on an unsupported feature in the PTZ panel.

Miscellaneous

1. Moved *Dual-VCA* settings to *Video/Audio* Menu from each Intelligence feature setting menu. When the setting is enabled or disabled, it will be applied to all intelligence features.
2. Moved *Motion Detection*, *Video Tampering*, *Alarm I/O* and *Exception* to the Basic Event menu
3. Moved the Intelligence features to the *Smart Event* menu. The intelligence features include: Face Detection, Cross Line, Intrusion Detection, Defocus Detection, Scene Change Detection, Audio Exception Detection, Region Entrance Detection, Region Exiting Detection, Object Removal Detection, and Unattended Baggage Detection.
4. Added support for the new ONVIF Profile G and its test tool 14.12.
5. Added support for SNMP tools: Paessler SNMP tester and Spiceworks
6. New style of Help Page.

Limitations

1. *People Counting* and *Dual-VCA* cannot be enabled at the same time. Warning message has been added.
2. *People Counting* and the behavior analysis (Intrusion Detection, Cross Line, Region Entrance Detection, Region Exiting Detection, Unattended Baggage Detection and Object Removal Detection) cannot be enabled at the same time. A warning message box appears.

Considering the CPU resources of the camera, it is recommended that the intelligent features are used as follows:

1. When enabling *Dual-VCA*, do not enable more than two analytics in the “Smart Event” tab.
2. When enabling *People Counting*, do not enable more than two analytics in the “Smart Event” tab.
3. When both *Dual-VCA* and *People Counting* are disabled, do not enable more than three analytics in the “Smart Event” tab.

Contacting support

For help installing, operating, maintaining, and troubleshooting this product, refer to this document and any other documentation provided. If you still have questions, contact us during business hours (Monday through Friday, excluding holidays).

Note: Please be ready at the equipment before calling.

Table 1: Technical support

North America

T +1 855.286.8889

E techsupport@interlogix.com

W www.interlogix.com/customer-support

Europe, Middle East, and Africa

W Select *Contact Us* at www.utcssecurityproducts.eu

Australia

E security.tech.support@interlogix.com.au
