Grandstream
Innovative IP Voice & Video

Door Camera Solutions

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Door Camera Solutions

1. *Using Grandstream devices with 3rd party IP Door Cameras*

2. *Creating a Door Camera Solution with Grandstream IP Cameras and IP Video Phones*

UCM6100 series IP PBX Appliance

The Anchor of Your Door Camera Solution & Voice/Video/Data/Mobility Communications

UCM6102
UCM6104

2014 TMC INTERNET TELEPHONY® PRODUCT OF THE YEAR

Product Of The Year 2014 TMC Unified COMMUNICATIONS™

Asterisk®

UCM6108
UCM6116

Asterisk is a Registered Trademark of Digium

Grandstream

UCM6100 series

*Delivering high quality, secure and reliable voice, video, data & mobility for **SMBs***

- Enterprise-grade features in an affordable, compact & easy-to-manage PBX designed specifically for the SMB market
- No licensing fees
- Fast and easy setup & management
- ALL hardware/software included as well as lifetime firmware updates
- *Full SIP Video support*

UCM6100 series

Voice
Secure, clear, and reliable
Conferencing
Comprehensive Codec Support
Endless Customizable Voice features

Data
Phonebook files
CDR
Codec Transcoding
System Backup
Call Recording
Voicemail/fax to email

Mobility
Softphone apps
Monitor your business
Connect Multiple Offices

Video
Face to face video calls
Video Surveillance Integration
SIP Video
Video Codec Support

UCM6100 Series - Video

Delivering high quality, secure and reliable video communications

Full SIP Video Support

- Any SIP video endpoint, such as
  - Video Phones
  - Video Conferencing Solutions
  - Door/Facility Access Cameras/Modules
  - IP Video Surveillance cameras

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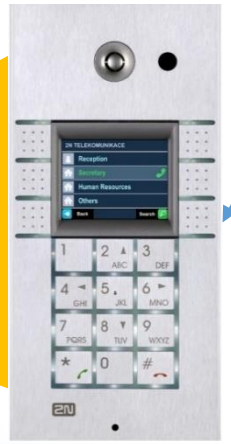
A Door Camera Solution…

Also use the UCM6100 series to supply all communications for a full office building

Extension 801
(or direct phone number)



DTMF Codes to Open the Door on the Grandstream phone

Office on Floor 1
Extension 802

Office on Floor 2
Extension 803

Office on Floor 3
Extension 804

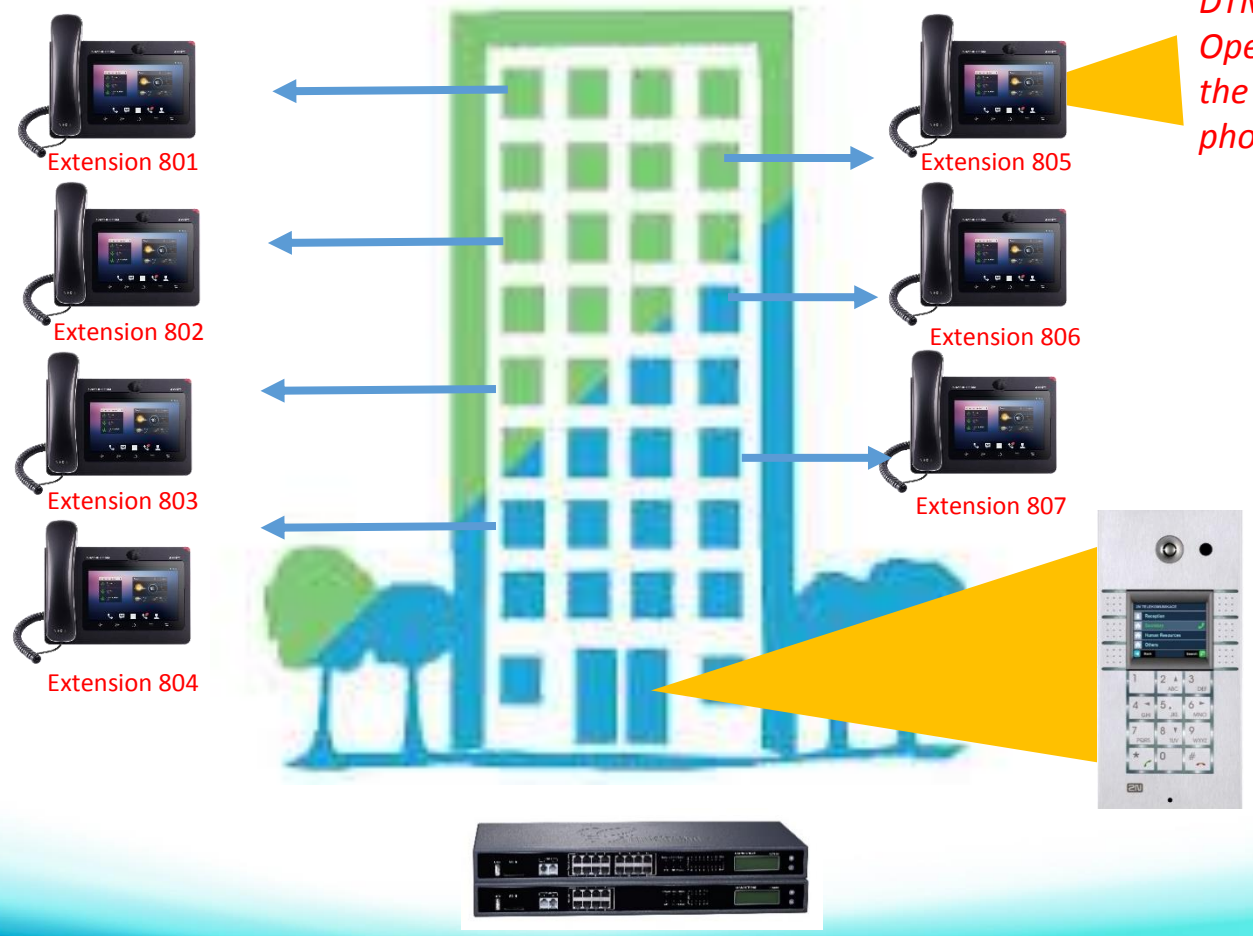
Office on Floor 4
Extension 805

The Upper West Side Apartments

Also use the UCM6100 series to supply all communications for a full apartment building

Melbourne, Australia

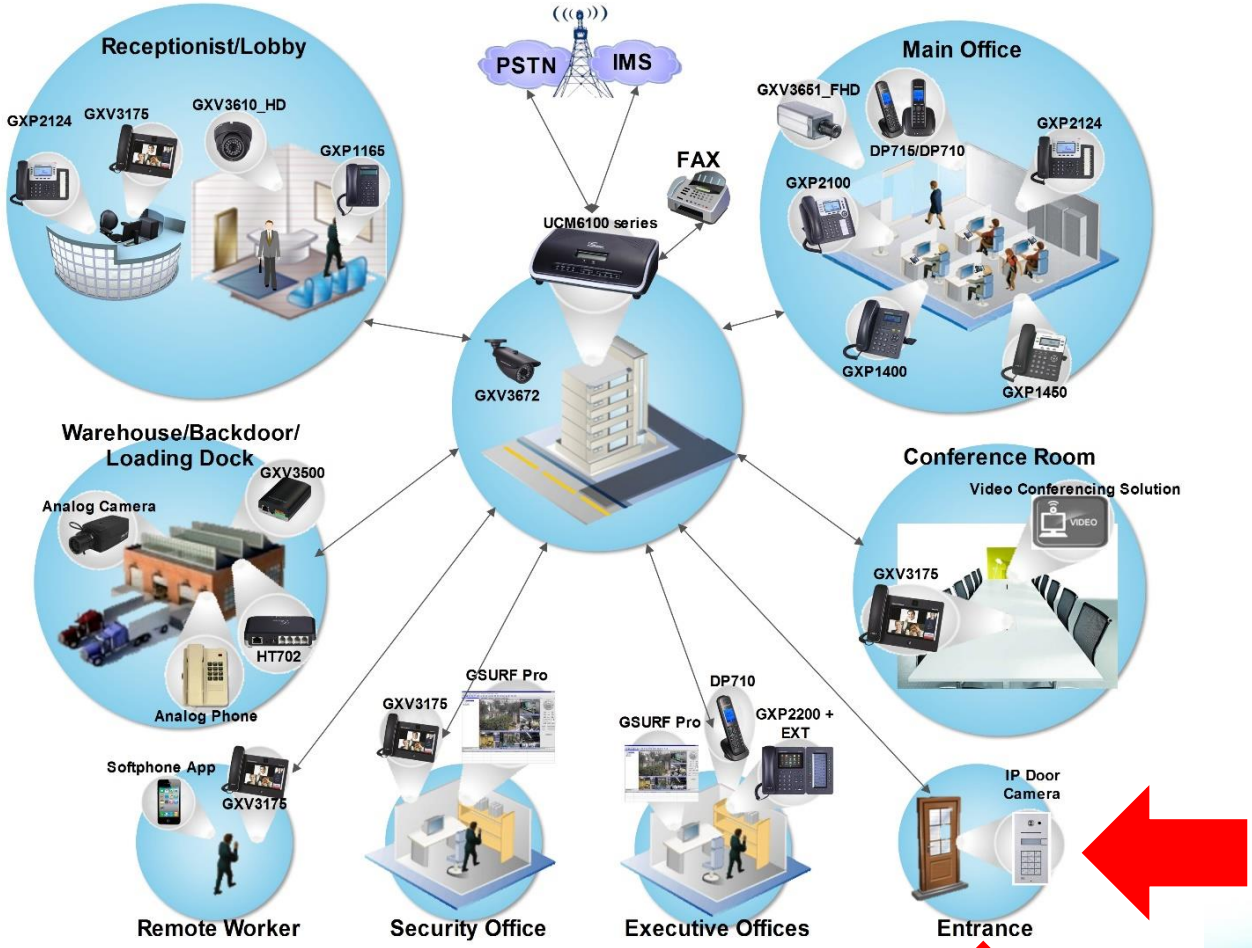
Visit our case studies page for more



A True Unified Communications Solution

Easily Integrate a Door Camera Solution With Your Business Communications Solutions

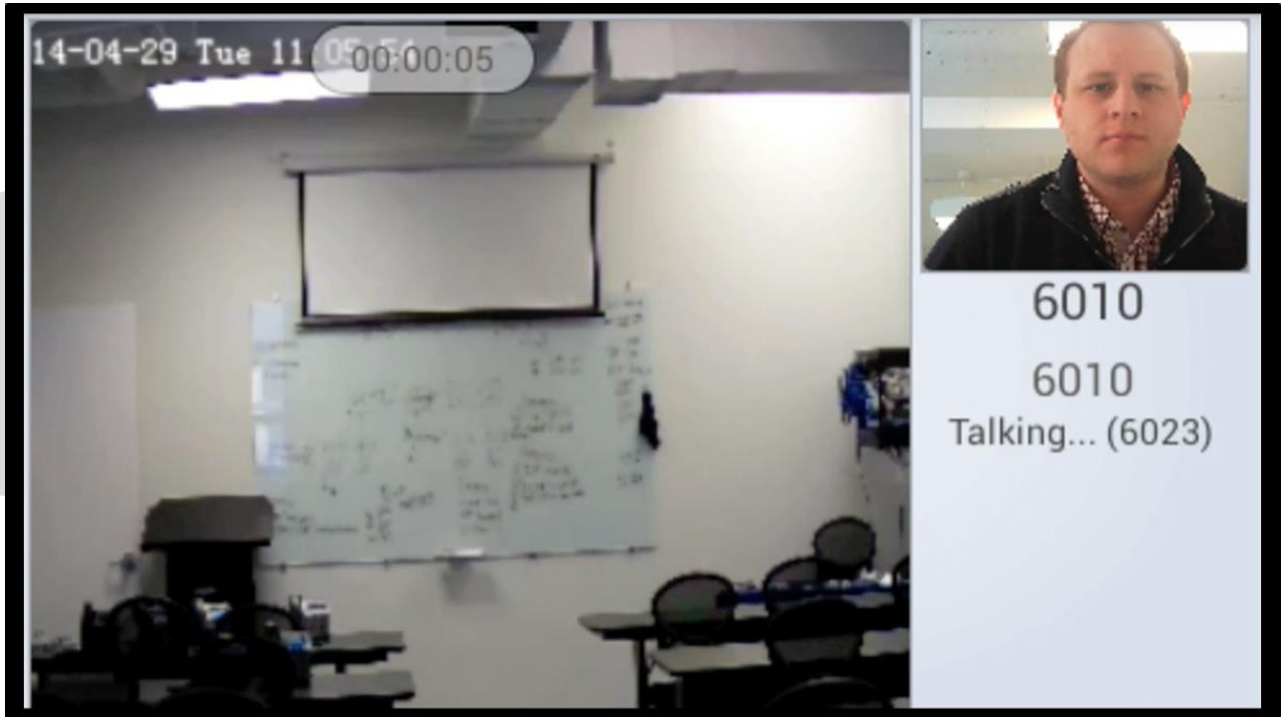
- All Grandstream phone, cameras, and UCM6100 series – as well as IP Door Cameras are SIP-based devices
- A true Unified Communications solution offering voice, video, data and mobility features
- All devices can be easily setup, customized and managed from one central location
- Add functionality to devices by combining them onto the same network
- Even add/include analog phones and analog cameras



Communicate With Cameras/Door Cameras on Any Network

- **IP Camera's and Door Cameras can send alerts or be contacted from outside networks thanks to their SIP registration when registered to an IP PBX**
  - You set the phone number the cameras contact when an alert is triggered
  - With a SIP registration, any IP camera or Door Cameras is given a phone number/IP address that can be called to view the camera's live feed
  - View camera's live feed from any device that has an internet connection

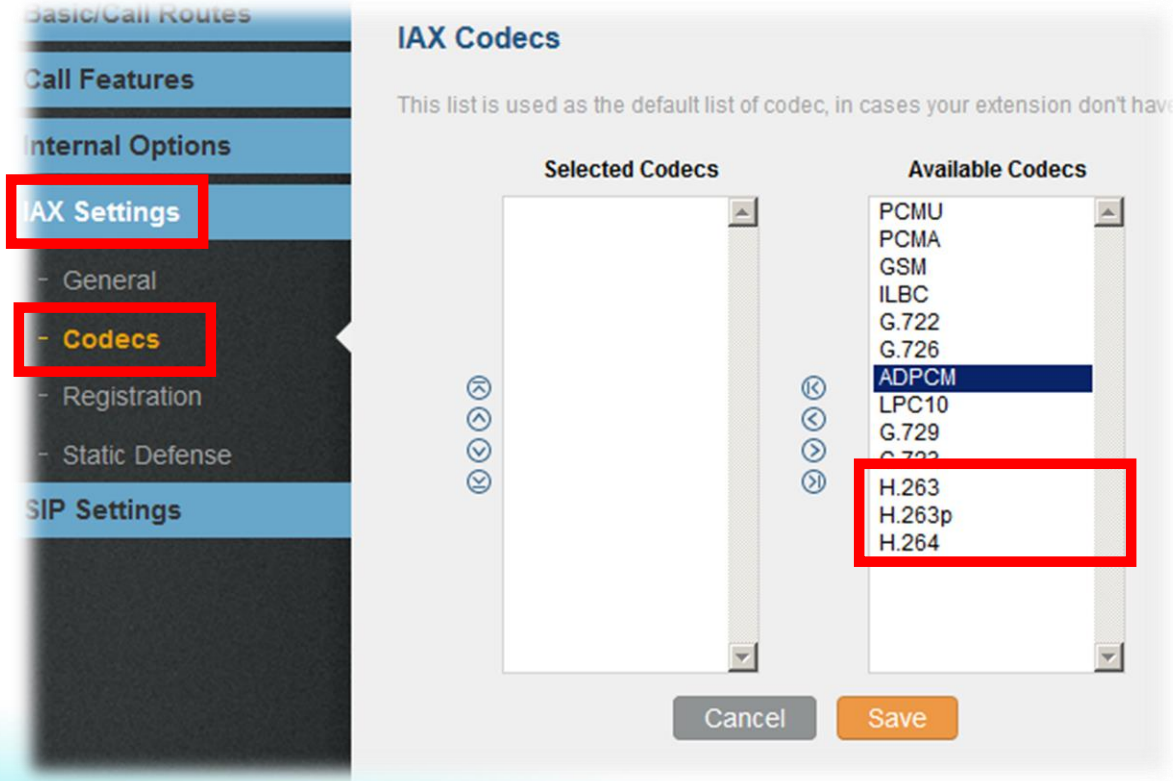
Integrating Surveillance and Door Access Solutions with Your IP PBX



1. Visitor can call from door phone to video phone in apartment or office
2. From video phone, user can unlock door using a pre-configured DTMF key

UCM6100 - Video

Delivering high quality, secure and reliable video communications



Supports all major video codecs

- H.263
- H.263+
- H.264

Make sure you enable the proper video codecs on the UCM6100 series and the IP Door Camera. This simple mistake is the most common configuration mistake

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Door Access Solution

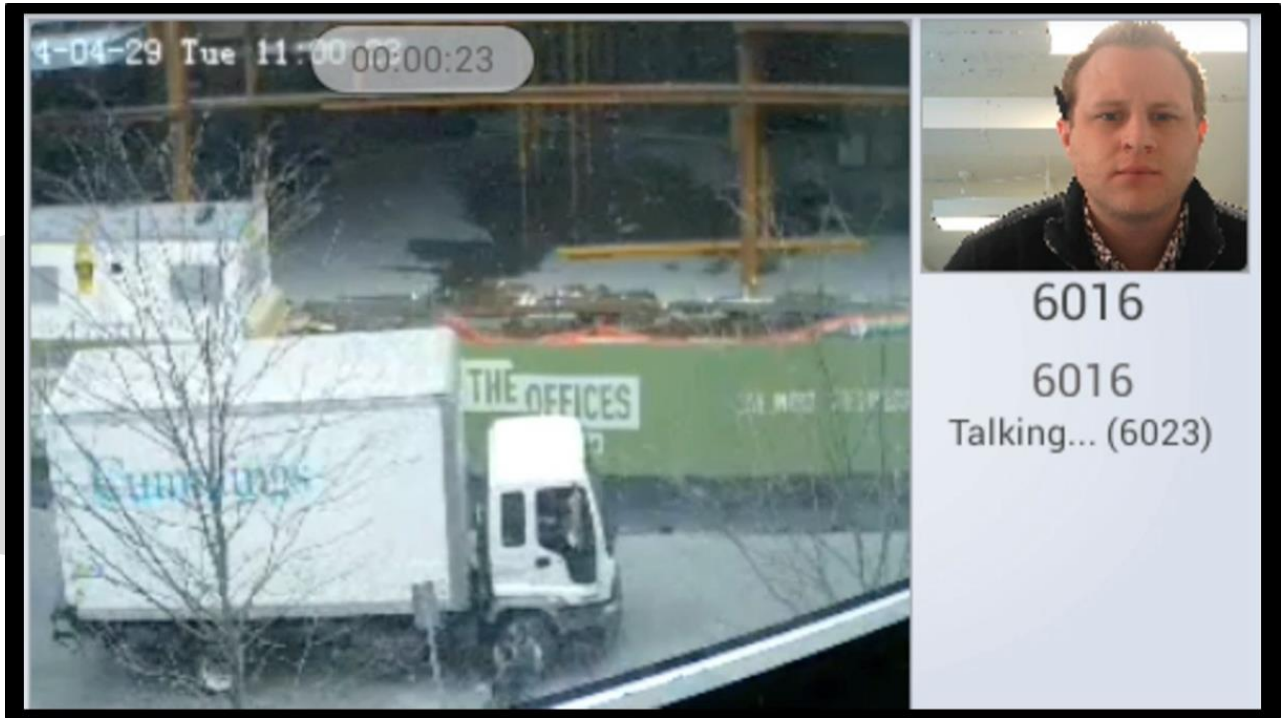
Turn a Grandstream IP Surveillance Camera into a Door Opener when Paired with a Grandstream Video Phone

Step 1: Configure the Grandstream Video Phone and the IP Camera

Step 2: Enable Alert Event

Step 3: Connect Doorbell and IP Camera

Step 4: Open Door via Incoming Video Call



1. Receive video calls from cameras whenever alerts/alarms are triggered

2. Make video calls to cameras to see the live feed

The Kovalevo Center

Kastroma, Russia

Visit our case studies page for more

Camera, with motion detection enabled and alarm event set to "SIP Call"

*Many Grandstream cameras includes a variety of inputs/outputs to integrate with other devices, such as a **door bell**, so that when the door bell is ringed, the camera will send the alert.*

DTMF Codes to Open the Door on the Grandstream phone

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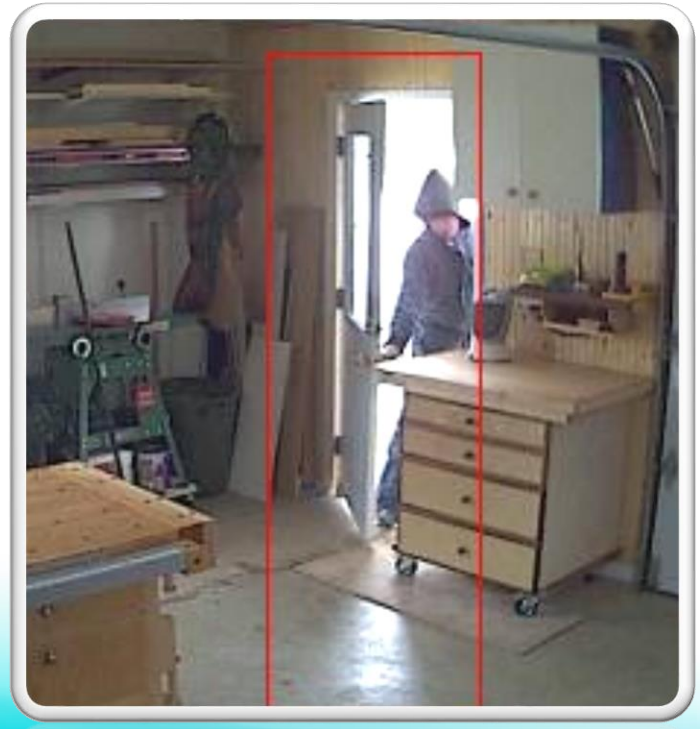
Motion Detection



- Available on all Grandstream cameras
- Up to 16 target areas per camera
- Easily setup in 3 steps using a camera's Web UI
- Grandstream's ONVIF-compliancy will allow motion detection on our camera to interact with any ONVIF VMS, NVR, etc.

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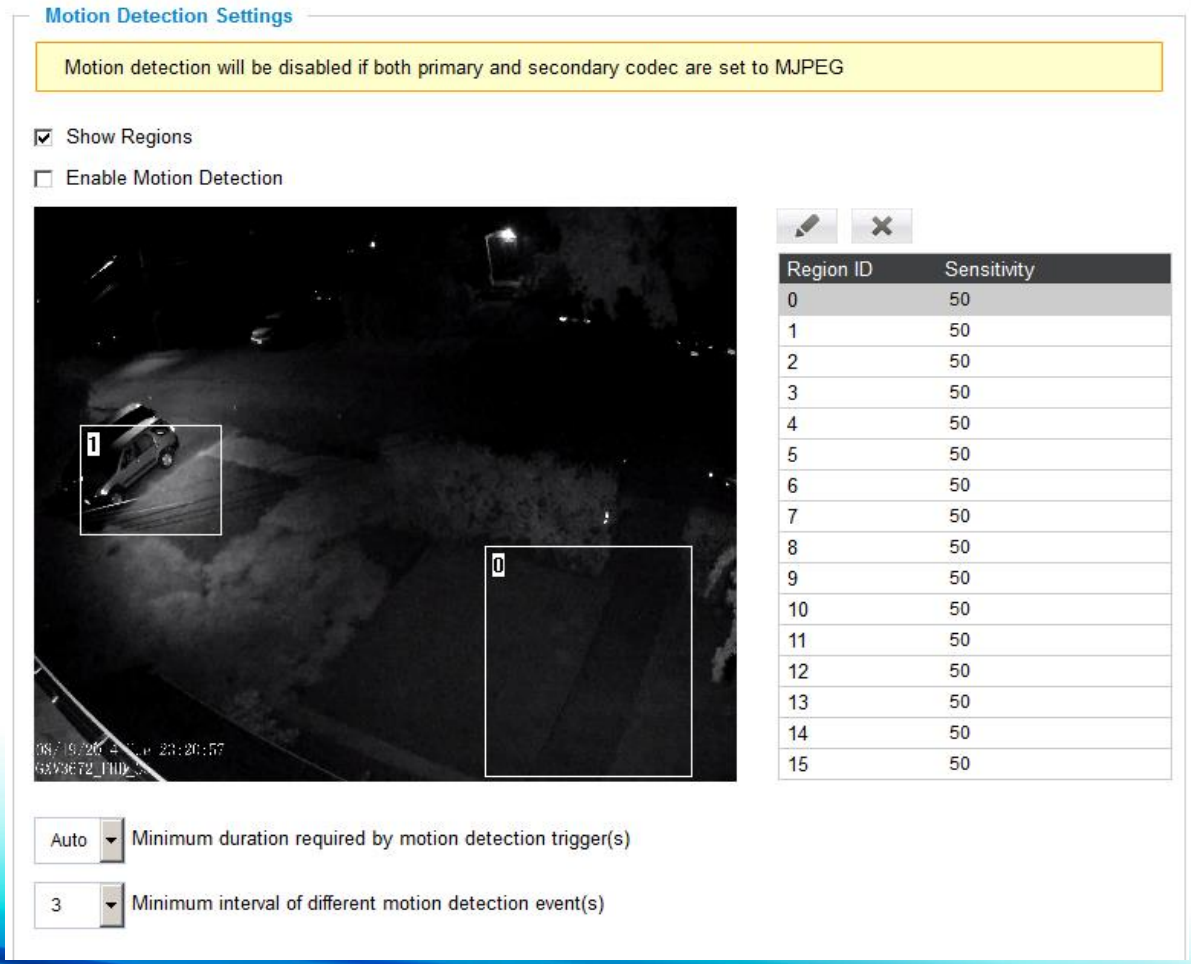

Important Settings

- **Sensitivity**
- **Minimum duration required by motion detection trigger**
- **Minimum interval of different motion detection event**
- **Time Schedule Config**
- **Alarm Action** (what should the camera do when motion is detected)
  - *Record Video*
  - *Voice Alarm to SIP phone*
  - *Upload to Alarm Center (Gsurf_Pro V2)*
  - *Upload to Alarm HTTP (3rd party Application/VMS)*
  - *Upload to FTP*
  - *Email and FTP screenshots*

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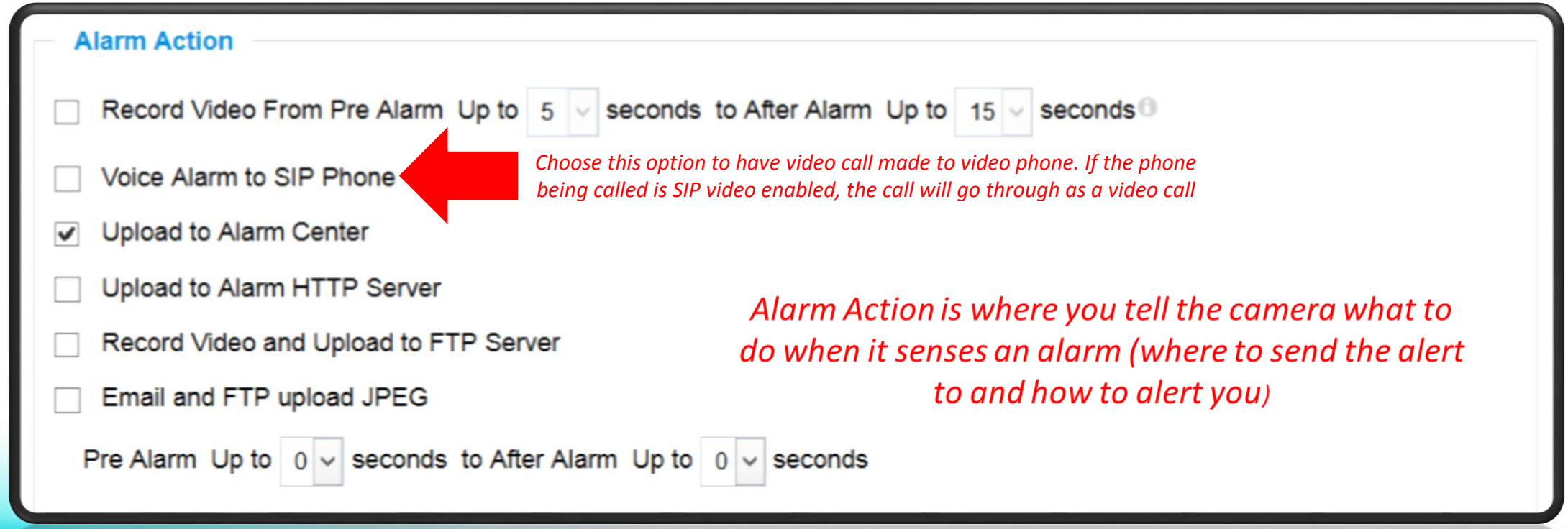
Set Up Alarm Actions…



Choose this option to have video call made to video phone. If the phone being called is SIP video enabled, the call will go through as a video call

Alarm Action is where you tell the camera what to do when it senses an alarm (where to send the alert to and how to alert you)

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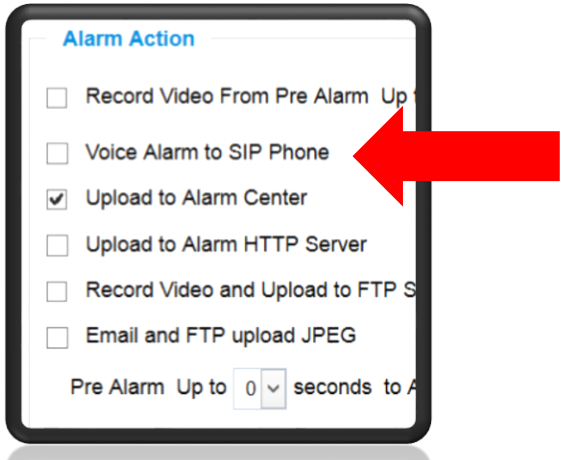
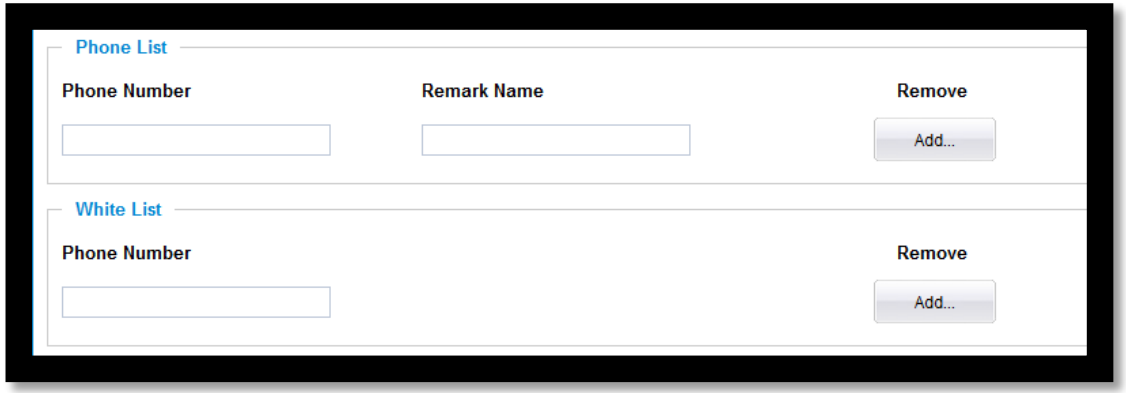
Voice Alerts to SIP Phone





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Thanks!

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