



Immix with Teleprecision alarms

Overview

Intelligent Video has worked closely with the Immix developers at Sureview to integrate Teleprecision units and provide comprehensive alarm handling. As Immix handles alarms from a host of manufacturers' equipment, there will inevitably be some subtle differences when configuring a particular device. This document outlines our recommendations for best practice.

Teleprecision DVRs generate four types of alarm:

1. **Intrusion detection** such as PIRs or beams
2. **Always-armed alarms** such as power fail or tamper notifications
3. **System alarms** such as recording failure
4. **Camera alarms** such as picture loss

The first type is often armed on a schedule corresponding to the site's opening hours. Types 2, 3 and 4 are considered as system exceptions which should be presented to control room staff on a 24/7 basis regardless of whether the site is armed or not. Additional configuration steps are required in Immix to ensure these alerts are received and handled correctly.

Intrusion detection

Add alarms in the usual way and configure a default action to be carried out on receipt.

In this example, an activation from a beam on alarm 5 will capture ten seconds of footage from camera 1 on preset 5.

Leaving the priority set to 100 allows this alarm to be activated by an arm/disarm schedule if required.

New Alarm

Input Alarm Input: 5 ECare Alarm

Title: Beam5 [Set]

Event	Action	Priority	Title
<input checked="" type="checkbox"/> Default	Record camera TP Camera 1	100	Beam5

Runaway if occurs more than 10 times in 1 minutes.

Tag with Alarm Type

Default Response

Record Images

Camera to record: TP Camera 1

Number of Images: 10 Quality: Default Preset: 5: Preset 5

Priority: 100 Automatically Handle

Script

Save Changes Cancel Changes

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Always-armed alarms

This type includes any alarm with its own input number which should be raised to operators whenever it occurs. The example shows a power fail alarm although other such alarms could include tamper circuits and flood alarms etc.

Add the alarm in the usual way and configure a default action to be carried out on receipt.

Change the priority to 1000 to allow this alarm to be raised even if the site is disarmed by a schedule.

New Alarm

Input Alarm Input ECare Alarm

Title: PowerFail [Set]

Event	Action	Priority	Title
<input checked="" type="checkbox"/> Default	Record camera TP Camera 1	1000	PowerFail

Runaway if occurs more than 10 times in 1 minutes.

Tag with Alarm Type

Default Response

Record Images

Camera to record: TP Camera 1

Number of Images: 10 Quality: Default Preset: 4 - Preset 4

Priority: 1000 Automatically Handle

Script

Intrusion Script [Advanced]

System alarms

Teleprecision devices monitor key system functions to ensure they are operating correctly. If a problem is detected, the unit will send a notification to the central station. This should be treated as an always-armed alarm.

To enable Immix to receive these alarms, add an additional alarm to each Teleprecision device called 'System Alarm' or similar. Ensure its input number is zero, and its priority is set to 1000 as shown here:

New Alarm

Input Alarm Input ECare Alarm

Title: System Alarm [Set]

Event	Action	Priority	Title
<input checked="" type="checkbox"/> Default	No action	1000	System Alarm

Runaway if occurs more than 10 times in 1 minutes.

Tag with Alarm Type

Default Response

Record Images

Camera to record:

Number of Images: 0 Quality: Quality Preset:

Priority: 1000 Automatically Handle

Script

Intrusion Script [Advanced]

[Save Changes] [Cancel Changes]

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Camera alarms

Camera feeds are constantly monitored for signal and quality. If the signal is lost or deteriorates, the unit will raise an alarm which should be treated as an always-armed alarm.

To enable Immix to treat these alarms differently from intrusions which may not be always-armed, add additional 'event actions' for Immix to carry out only when a picture loss (video sync) or video quality alarms are received.

Click the 'Add' button, select 'Video Sync Alarm' from the drop-down dialog. Highlight the new event, change the 'Camera to record' to match the input number, then set the priority to 1000.

Repeat this process to add a 'Video Contrast Alarm' in the same way.

These additional actions need to be configured on as many alarms as there are cameras on the site, so for a two camera site, just alarms one and two would need this treatment, but with eight cameras, alarms 1 through 8 would need to be configured in this way.

The last of the group of screen shots shows the equivalent set up for alarm/camera four with the salient points highlighted in green.

Configuring the alarms in this way allows Immix to record any camera/preset for an intrusion and the appropriate camera for video problems should they occur.

Event	Action	Priority	Title
<input checked="" type="checkbox"/>	Record camera TP Camera 1	100	TP A3

- Intruder Alarm
- System Fault
- Tamper Alarm
- Tamper Alarm (Open Circuit)
- Tamper Alarm (Short Circuit)
- Test Alarm
- Video Contrast Alarm
- Video Sync Alarm
- Wake Me Alarm

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New Alarm

Input Alarm Input ECare Alarm

Input: 3

Title: PIR3 [Set]

Event	Action	Priority	Title
<input checked="" type="checkbox"/> Default	Record camera TP Camera 1	100	PIR3
<input checked="" type="checkbox"/> Video Sync Alarm	Record camera TP Camera 3	1000	PIR3

Runaway if occurs more than 10 times in 1 minutes.

Tag with Alarm Type

Video Sync Alarm Response

Record Images

Camera to record: TP Camera 3

Number of Images: 10 Quality: Default Preset: None

Priority: 1000 Automatically Handle

Script

Intrusion Script [Advanced]

New Alarm

Input Alarm Input ECare Alarm

Input: 3

Title: PIR3 [Set]

Event	Action	Priority	Title
<input checked="" type="checkbox"/> Default	Record camera TP Camera 1	100	PIR3
<input checked="" type="checkbox"/> Video Sync Alarm	Record camera TP Camera 3	1000	PIR3
<input checked="" type="checkbox"/> Video Contrast Ala...	Record camera TP Camera 3	1000	PIR3

Runaway if occurs more than 10 times in 1 minutes.

Tag with Alarm Type

Video Sync Alarm Response

Record Images

Camera to record: TP Camera 3

Number of Images: 10 Quality: Default Preset: None

Priority: 1000 Automatically Handle

Script

Intrusion Script [Advanced]

New Alarm

- Video Contrast Alarm
- System Fault
- Tamper Alarm
- Tamper Alarm (Open Circuit)
- Tamper Alarm (Short Circuit)
- Test Alarm
- Video Contrast Alarm
- Video Sync Alarm
- Watch Me Alarm

New Alarm

Input Alarm Input ECare Alarm

Input: 4

Title: PIR4 [Set]

Event	Action	Priority	Title
<input checked="" type="checkbox"/> Default	Record camera TP Camera 2	100	PIR4
<input checked="" type="checkbox"/> Video Sync Alarm	Record camera TP Camera 4	1000	PIR4
<input checked="" type="checkbox"/> Video Contrast Ala...	Record camera TP Camera 4	1000	PIR4

Runaway if occurs more than 10 times in 1 minutes.

Tag with Alarm Type

Video Sync Alarm Response

Record Images

Camera to record: TP Camera 4

Number of Images: 10 Quality: Default Preset: None

Priority: 1000 Automatically Handle

Script

Intrusion Script [Advanced]

Alarm 4 Intrude and camera fail

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