# INTELLIGENT VIDEO DRIVING PROFIT

May 1, 2023

To all of our customers and partners;

**Release Announcement:** **M71, 5MP Edge Ai 2.8-12mm dome camera**
**B71, Back Box Mount for M71 camera**

i3 International is pleased to announce the release of **M71** Edge Ai dome camera and the mounting back box, **B71**.

## Feature highlights:
- Edge Ai dome camera
- Integrated with i3's SRX-Pro Server/i3Ai Server
- Motorized lens: 2.8-12mm, 3-axis camera adjustment
- True WDR
- IR distance: 82ft/25m
- H.265/H.264/MJPEG streams
- 5-year limited warranty

## Compression & compatibility:
M71 supports H.265 (default), H.264 and Motion JPEG video compression.
**Note:** SRX-Pro v6 and below do not support h.265 compression. M71 camera can be added to SRX-Pro v6 and below (if set to H.264), however earlier versions of SRX-Pro do **not** support the camera's built-in Edge Ai capabilities.

## Recommended uses of Edge Ai functionality

M71's Edge Ai capabilities can be used in the following ways:
- Detect Human/Vehicle presence and activate a variety of actions in SRX-Pro Server (e.g. send email, activate control, play a sound)
- Filter the recorded video data in VPC by human/vehicle detection only/
- Detect Human/Vehicle presence and apply i3's i3Ai algorithm to analyze the object behavior, such as traffic & dwell and door count. The resulting data is then sent to i3's CMS and is combined with the POS data for rich business insight reports.

The camera's Edge Ai capabilities reduce the reliance on the system's GPU/CPU and allow delivering more intelligent data without having to upgrade the system's hardware components.

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## i3 INTERNATIONAL TECHNICAL BULLETIN                    230501-HW-01

CONTACT US

**www.i3international.com**

Toll free: 1.866.840.0004
Tel: 416.261.2266
Fax: 416.759.7776

CANADA

**i3 International Inc.**

780 Birchmount Rd, Unit 16
Toronto, Ontario
M1K 5H4, Canada

USA

**i3 America (Nevada) Inc.**

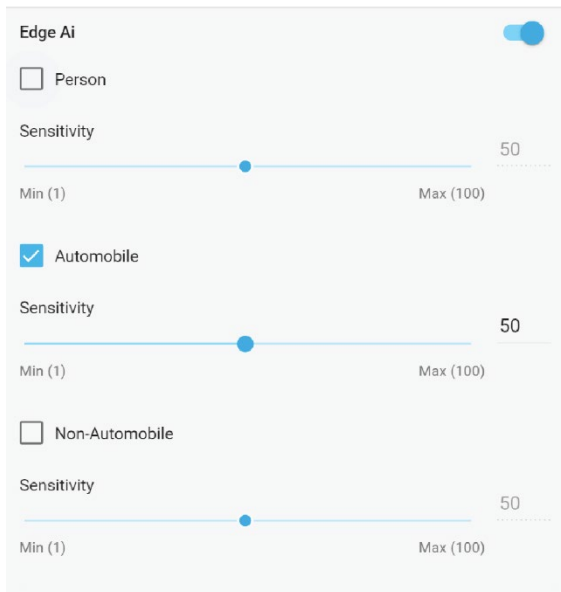4001 Cobb International Boulevard,
Kennesaw, GA 30152

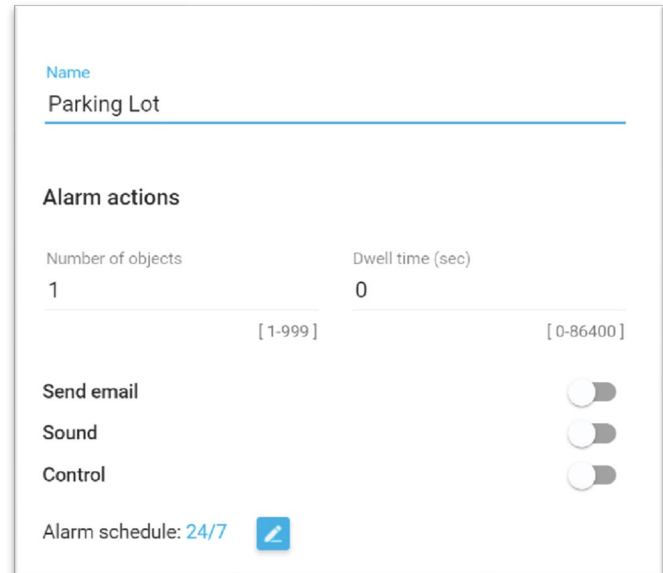## Enabling Edge Ai functionality in SRX-Pro

To use SRX-Pro alarm actions in response to the camera's Edge Ai detection, configure the camera's Ai tab in the SRX-Pro Setup > Cameras.
**Note:** No additional Ai licensing is required by SRX-Pro to utilize M71's Edge Ai capabilities in this way.

- Enable "Edge Ai" toggle.
- Select "Person", "Automobile" and/or "Non-Automobile" (i.e. non-car vehicles, such as motorcycles, bicycles, etc.)
- Draw a detection area or the directional line on the camera's preview window.
- Configure the alarm conditions (number of objects and/or dwell time)
- Select one or more Alarm actions from the available list.
  Note: Alarm schedule is set to 24/7 by default but is fully customizable.
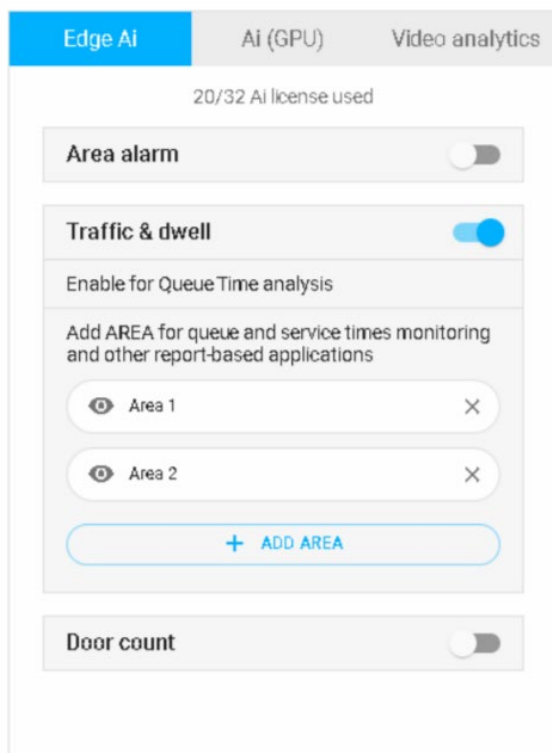
## Enabling Edge Ai functionality in i3Ai

M71's edge Ai capabilities reduce the i3Ai's reliance on the GPU resources. When utilizing camera's Edge Ai detection capabilities, i3Ai applies its algorithm to the camera's detection data to further analyze the object behavior. This resulting information is then sent to i3's CMS where a variety of business insight reports are then generated.

**Note:** One i3Ai licenses is used per Edge Ai function enabled in i3Ai (such as Area alarm, Traffic & dwell and Door count.

To configure M71 for Edge Ai option in i3Ai software, select Edge Ai tab in the camera's Setup in i3Ai Setup..

- Enable "Area alarm", "Traffic & dwell" and/or "Door count". Note, each option will use one i3Ai license.
- Draw a detection area or the directional line on the camera's preview window.
- Configure the Ai functions as normal.

# Mounting options

M71 Edge Ai dome cameras are designed for outdoor installations, with long-range IR and True Wide Dynamic Range (WDR) feature allowing for reliable performance in a variety of lighting conditions. These moisture-, dust- and vandal-resistant cameras are IP67-certified.

**Supported M71 Mounting options:**

**B71** is the ¾" back box mounting bracket for M71 camera, which supports a variety of mounting options.

| Installation type | Mounting accessories required |
|---|---|
| Drywall / block wall / surface mount | B71 |
| Horizontal wall mount | B71 + DB60 |
| Pole mount / Corner mount | B71 + DB60CPM |
| Pendant mount | B71 + ¾" EMT pipe |
| Parapet | B71 + I3D706 + CP1K |
| Electrical, hex & single gang boxes | B71 |
| Outdoor wall junction box | Built-in |

Refer to i3's Camera mounting reference guide for more information.

*Part#: DB60CPM*

**Brackets & Accessories:**
B71– back box for wire management, surface, pendant, pole/corner, parapet, and horizontal wall
DB60 – Gooseneck wall mount bracket, ¾". Attach the B71.
DB60CPM – Corner/pole mount bracket. Attach the DB60.

i3 International Technical Support and Services

Email: support@i3international.com
Tel.: 1.877.877 .7241

*Part#: DB60*

*Part#: B71*

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**www.i3international.com**

Toll free: 1.866.840.0004
Tel: 416.261.2266
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