MONITOREAL

Monitoreal Video Security Assistant

Integrate AI With Existing Security Systems

Accurate AI Video Object Detection

Highly accurate, on-premise, edge AI analytics appliance that ignores irrelevant motion.

Customizable rules generate instant alerts on 20+ objects (person, vehicles, and more).

Pair with Monitoreal AI-powered accessories to control connected devices.

Flexibility of Camera Choice

Existing system? Connect almost any security camera via ONVIF or RTSP.

New system? Use our cameras for easy set up or select from a list of preferred brands.

No Contracts or Recurring Fees

No annual contracts. No extra fees for new features. A one time purchase.

Priced well, compared with 3-year cost ownership of lower performing cloud "smart" devices.
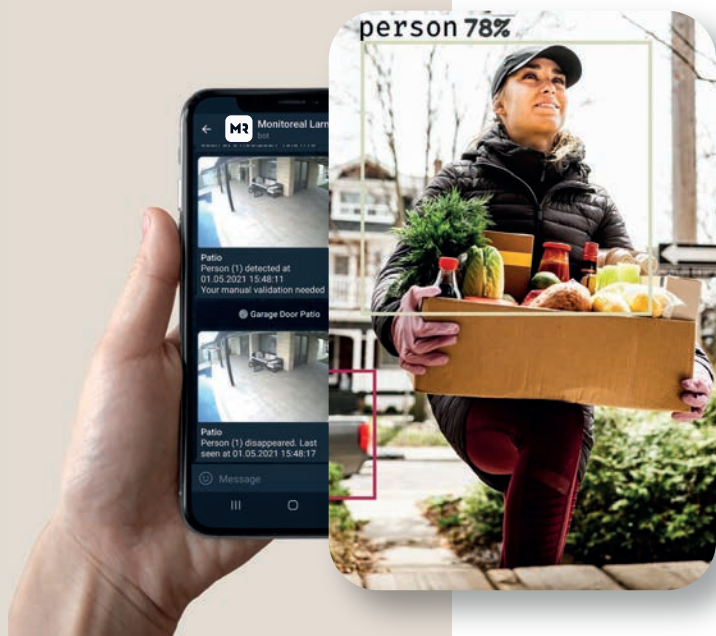
Privacy and Security

All video processed locally and behind the firewall.

No company, person or external cloud server has direct access to user's private data.

Telegram app gives users a secure way to create group alerts and control access as needed.

sales@monitoreal.com

person 78%

Professional Channel Opportunity

Upgrade Using Modern AI technology

Easy to deploy, highly profitable, with low labor installation cost.

Avoid being displaced by less effective DIY products.

Replace motion detection with advanced AI object detection.

Monetize existing customer installs as an upgrade.

Up-sell new customers with AI computer vision analytics add-on.

On Trend - AI + video surveillance driving market growth.

Advanced AI Object Detection

Monitoreal Video Security Assistant.
Stand Alone Appliance.

Manage up to 8 security cameras with a single AI-smart appliance.

Appliances can be "stacked" to manage more camera channels.

Connects to virtually any IP surveillance camera via ONVIF or RTSP.

No Need for Integration with NVR or VMS.

Simple installation and easy to use WUI.

Live view available for 24/7 visibility

MR
MONITOREAL

Flexible Notification System

Instant Alerts to Any Device

Create notifications specific to user's interests.

Configure alerts to an individual or a defined group from one or more appliances.

Notifications sent to mobile device, desktop, tablet, or smart watch, via:

Telegram, Email, Webhooks, and more to come.

The **Monitoreal device** will send the user an alert whenever it detects an event matching their preferences.

sales@monitoreal.com

Various Applications

Minimize False Alerts While Maximizing Situational Awareness

> AI-powered video analytics for residential properties, small businesses, daycares, nursing homes, car dealerships, schools, & more.

Motion Sensor Replacement

Use with video cameras to detect specific types of objects rather than just motion.

Integrate with alarm panels using the **Monitoreal Relay** for AI verified alarms.

Validate other alarms with video verification.

Customizable Notifications

Create "**Inclusive**" or "**Exclusive**" Zones of interest.

Set time parameters for detections.

Receive **real-time** notifications when a selected object is detected.

AI Device Control

Use AI detections to **automatically turn on** other devices.

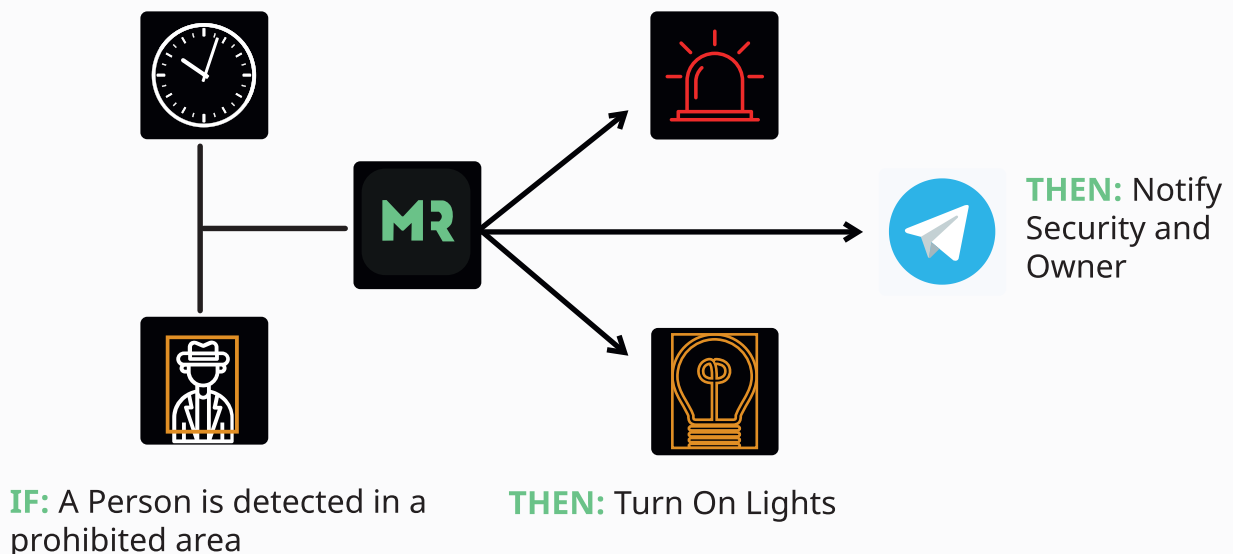Leverage Monitoreal 4-Channel Relay to **control** both high and low voltage devices.

Standard electrical devices can be controlled with Monitoreal WiFi Smart Plugs.

Enable **AI**-Powered Accessories to Control Connected Devices

Example (IFTTT) Configuration

WHEN: Nighttime Hours

THEN: Trigger Alarm Zone

THEN: Notify Security and Owner

IF: A Person is detected in a prohibited area

THEN: Turn On Lights

sales@monitoreal.com

Technical Specifications

Base Model

Up to 6 cameras - Automatic (onvif) or Manual (http) camera detection

Option to connect via RTSP

H.264 and H.265 Codec Support

Resolutions: Up to 1080p (full HD) in stream mode, up to 8 MP in snapshot mode

20+ Objects detected (humans, animals, vehicles, etc.)

Noise filtering (reduce false positives)

2.4GHz and 5GHz IEEE 802.11.b/g/n/ac wireless LAN

Gigabit Ethernet

4GB LPDDR2 SDRAM

5V/3A DC power input

32GB internal storage

Pro Model

Up to 8 cameras - Automatic (onvif) or Manual (http) camera detection

Option to connect via RTSP

H.264 and H.265 Codec Support

Resolutions: Up to 1080p (full HD) in stream mode, up to 8 MP in snapshot mode

20+ Objects detected (humans, animals, vehicles, etc.)

Noise filtering (reduce false positives)

2.4GHz and 5GHz IEEE 802.11.b/g/n/ac wireless LAN

Gigabit Ethernet

5V/3A DC power input

32GB internal storage

Neural co-processor

Deep sight mode (more accurate object detection and enhanced night vision)

4-Channel Relay

Enable smart One-touch access at electrical gate or door.

Control lighting or trigger sound (alarm/siren).

Multiple ways to trigger an action, using AI analytics.

Each relay channel can be configured independently.

Various Connection Configurations

Power Input: No more than 4W

Number of cycles for mechanical relays: up to 20'000'000 at low or no load

Number of cycles at 250 V AC, 8 A is 150'000

2.4GHZ 802.11 b/g/n (802.11n up to 150 mbps) wireless LAN

Professional installation required

Wifi Smart Plug

Enable smart lighting or sound control

Multiple ways to trigger an action, using AI analytics.

WIFI, 802.11 b/g/n

Input Voltage: 90V-240VAC

Output Voltage: 90V-240VAC

Maximum Load: 2500W

Plug format: US/UK/EU

FCC certified

Plug & play device

Coming soon :

MR Ethernet Relay and MR Security Camera

Input/Output Relay