

**Homaxi**<sup>®</sup>

# iQGuard

New Generation of Active Deterrence



Active Deterrence



Colorview



iQSense

# What is iQGuard?

More deterrent active defense.  
 More powerful image representation.  
 More precise intelligence.  
 More enriched products.



## Key Features

### Active Deterrence

#### Smart Light Switching

Focus on deterrence, intelligence, and energy efficiency:

**Deterrence:** Red and blue lights are flashing as a warning when targets enter restricted areas, enhanced by two-way audio and color recording for effective deterrence.

**Smart Perception:** Lights adjust to target movements for instant monitoring upon target appearance.

**Energy-saving:** Conserves energy by maintaining black and white imaging until targets enter specific zones, reducing power usage.



### iQSense

#### Smart Motion Detection

More accurate detection rate.

Higher Detection Accuracy > 99%  
 Lower False Alarms < 0.5%

Achieve industry-leading standards.



#### Perimeter Protection

Longer detection distance.

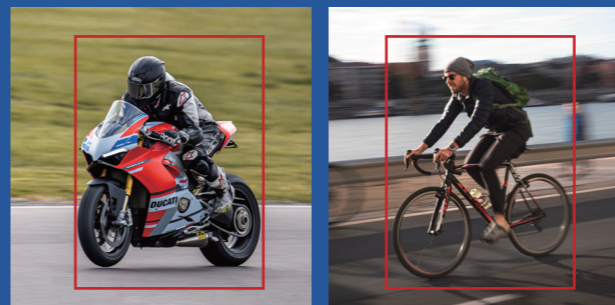
Detection Distance  
**98 ft (30m) Daytime**

Detection Distance **164 ft (50m)**



#### Enhanced Feature

Motorcycle & non-motorized vehicle detection support.



# Key Features

## Colorview Image Performance

### AI ISP

Homaxi's AI ISP functionality, combined with an **F1.0 large aperture** and a **1/1.8" Sensor**, enables accurate color of objects even in low light conditions of 0.0001 Lux.



0.02 Lux AI-ISP



0.02 Lux Traditional ISP

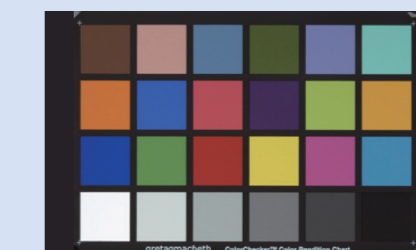


0.0001 Lux AI-ISP



0.0001 Lux Traditional ISP

### Standard Color Card Test



Color Standard Reference



Homaxi

More authentic color representation



Other Brands

# iQGuard Network Products

## X (eXtreme) -Series

IPC8TF4R8-AD-TPMSCR  
IPC8TF4R8-AD-TPMSCR(B)



### 8MP iQGuard Fixed Turret Camera

- 1/1.8" CMOS
- 7 × 24 full color image in ultra low light 0.0001 Lux
- WDR 130 dB
- Fixed F1.0 2.8mm Lens
- 8MP@30fps
- Smart Motion Detection
- Perimeter Protection
- People Counting
- Built-in Mic & Speaker
- Audio I/O: 1/1, Alarm I/O: 1/1

IPC8TF4R4-AD-TPMSCR  
IPC8TF4R4-AD-TPMSCR(B)



### 4MP iQGuard Fixed Turret Camera

- 1/1.8" CMOS
- 7 × 24 full color image in ultra low light 0.0001 Lux
- WDR 130 dB
- Fixed F1.0 2.8mm Lens
- 4MP@30fps
- Smart Motion Detection
- Perimeter Protection
- People Counting
- Built-in Mic & Speaker
- Audio I/O: 1/1, Alarm I/O: 1/1

IPC8MSB2R8-AD-TPMSC



### 8MP iQGuard Dual Lens Camera

- 2 × 1/1.8" CMOS
- 7 × 24 full color image in ultra low light at 0.0008Lux
- WDR 130 dB
- Fixed F1.0 4mm Lens
- 8MP@20fps
- Smart Motion Detection
- Perimeter Protection
- Built-in Mic & Speaker
- Audio I/O: 1/1, Alarm I/O: 1/1

IPC8BF6R8-AD-TPMSCR  
IPC8BF6R4-AD-TPMSCR



### 8MP/4MP iQGuard Fixed Bullet Camera

- 1/1.8" CMOS
- 7 × 24 full color image in ultra low light 0.0001 Lux
- WDR 130 dB
- Fixed F1.0 2.8mm Lens
- 8MP@30fps/4MP@30fps
- Smart Motion Detection
- Perimeter Protection
- People Counting
- Built-in Mic & Speaker
- Audio I/O: 1/1, Alarm I/O: 1/1

## (Intelligent) -Series

IPC6TF4R8-AD-TPMSCR  
IPC6TF4R8-AD-TPMSCR(B)



### 8MP iQGuard Fixed Turret Camera

- 1/2.8" CMOS
- 7 × 24 full color image
- WDR 120 dB
- Fixed F1.0 2.8mm Lens
- 8MP@30fps
- Smart Motion Detection
- Perimeter Protection
- Built-in Mic & Speaker
- Audio I/O: 1/1, Alarm I/O: 1/1

IPC6TF4R4-AD-TPMSCR  
IPC6TF4R4-AD-TPMSCR(B)



### 4MP iQGuard Fixed Turret Camera

- 1/2.8" CMOS
- 7 × 24 full color image
- WDR 120 dB
- Fixed F1.0 2.8mm Lens
- 4MP@30fps
- Smart Motion Detection
- Perimeter Protection
- Built-in Mic & Speaker
- Audio I/O: 1/1, Alarm I/O: 1/1

IPT651R5-Z25-AD-TP



### 5MP iQGuard PTZ Camera

- 1/2.8" CMOS
- 7 × 24 full color image
- WDR 120 dB
- 4.8mm~120mm Lens
- 25X optical zoom, 16X Digital Zoom
- Perimeter Protection
- Smart Motion Detection
- Auto-Tracking
- Face Detection
- 3D Position
- Audio I/O: 2/1, Alarm I/O: 1/1

IPC6BF6R8-AD-TPMSCR  
IPC6BF6R4-AD-TPMSCR



### 8MP/4MP iQGuard Fixed Bullet Camera

- 1/2.8" CMOS
- 7 × 24 full color image
- WDR 120 dB
- Fixed F1.0 2.8mm Lens
- 8MP@30fps/4MP@30fps
- Smart Motion Detection
- Perimeter Protection
- Built-in Mic & Speaker
- Audio I/O: 1/1, Alarm I/O: 1/1



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