

LTS LINK

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COMPREHENSIVE COLOR 24/7 VIDEO SURVEILLANCE

INTRO

The global low-light security camera market is projected to grow to \$18.4B by 2027. Full-color cameras and dual-light cameras with IR and white light are growing in demand, while some users have concerns about light pollution and potential camera exposure.

Our new **Color 24/7** cameras with **Hybrid Illumination** can address these concerns by fitting light-sensitive scenes. Let's explore their features and industry applications for residences.

TABLE OF CONTENTS

Low Light Camera Market • P.2

Video Surveillance for Residences • P.3

Comprehensive Color 24/7 • P.4

Applications in Residences • P.5

LOW LIGHT SECURITY CAMERA MARKET OVERVIEW

TRENDS

Opportunities

The global low-light security camera market is growing rapidly, fueled by the rising demand for advanced technology-based video surveillance cameras that feature night vision and excel in low-light conditions. This market is projected to reach a substantial value of \$18.4 billion by 2027, with a compound annual growth rate (CAGR) of 12.8%.

Various types of low-light cameras are gradually gaining popularity, especially those full-color cameras, and dual-light cameras with both infrared (IR) and white light.



Challenges

However, Low-light cameras face several challenges including:

- Concerns about Light Pollution: In densely populated areas or urban settings, the use of low-light cameras may raise concerns about light pollution.
- Security Camera Exposure at Night: Low-light cameras, particularly those with white light illuminators, emit visible light during nighttime surveillance. This exposure makes security cameras targets for vandalism or theft.
- Reluctance to Turn on Lights Indoors: In certain indoor settings, such as museums, galleries, or historical buildings, concerns may arise due to sensitivity towards prolonged exposure to camera lighting.

Solutions

LTS hybrid illumination cameras offer the flexibility to switch between IR and white light modes. By activating white light only when a human/vehicle is detected, these cameras provide an efficient solution that can maximize both security and environmental considerations.

Reference:
[Maximizemarketresearch, *internationalsecurityjournal*](#)

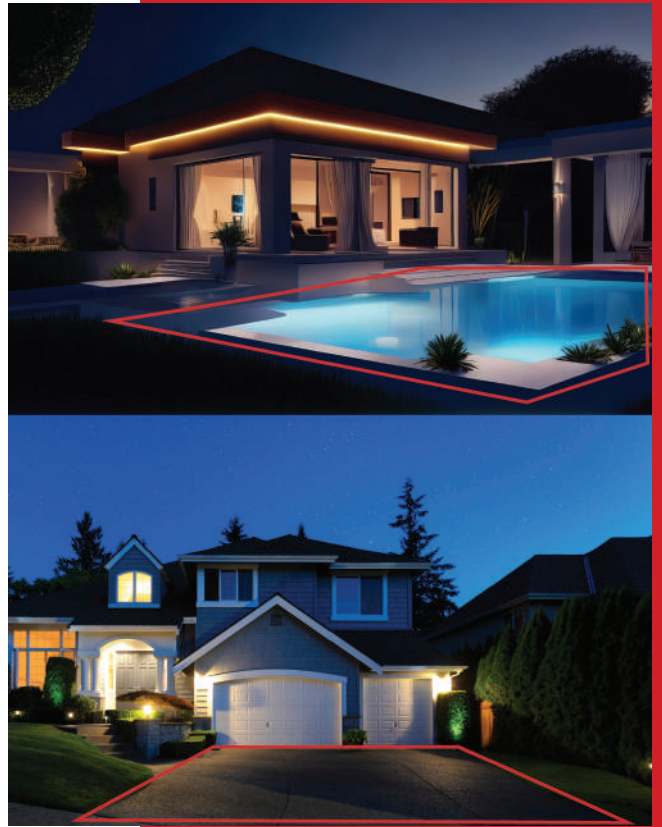
VIDEO SURVEILLANCE FOR RESIDENCES

SOLUTION

Residential security is a highly demanding scenario, and we provide AI-empowered video security solutions that focus on both security and a better residential experience for both residents and visitors.

Eco-Friendly Hybrid Illumination Cameras

Our new Hybrid Illumination cameras combine Color 24/7, MD 2.0, and hybrid illumination technologies, to enable colorful surveillance on demand. It allows users to have the flexibility to switch between IR and white light in light-sensitive scenes, which makes the cameras ideal for pool areas, fences around apartment buildings, and front/back doors of single-family houses.



Hassle-Free Access Control

Our new door station [LTH-401M-WIFI](#) is a multi-tenant IP intercom that features the contact list function for up to 500 users and supports multiple authentication methods, including facial recognition and the LTS Connect App. It seamlessly integrates with LTS indoor stations, creating a user-friendly and convenient access control system.

Active Deterrence for Perimeter Protection

LTS Active Deterrence cameras offer advanced solutions for residential safety. With the built-in siren and strobe light, the cameras provide proactive responses to potential threats in the community. Check out our new 4K Color 24/7 IP camera with Active Deterrence [CMIP3C82W-28MDAL](#).

LPR for Smooth Vehicle Management

LTS [LPR](#) (License Plate Recognition) cameras accurately capture and identify license plates, making them ideal for managing vehicle access at community entrances, exits, or parking lots.

COMPREHENSIVE COLOR 24/7

FEATURED

The new LTS Hybrid Illumination security cameras combine Color 24/7, MD 2.0, and Hybrid Illumination technologies. They provide three lighting modes: IR, white light, and hybrid mode, allowing users to select the ideal illumination mode for light-sensitive scenes.

When a human or vehicle is detected, the white light turns on automatically. If no human or vehicle is present, the cameras switch to IR mode to provide discreet monitoring. The confocal technology ensures an instant transition between IR and white light with stable and clear imaging.



LTS Color 24/7 Cameras with Hybrid Illumination:

SKU	Housing	Lens
CMIP3C42WI-28MDA	Turret	0.0005 Lux @ F1.0
CMIP7C42WI-28MDA	Dome	0.0005 Lux @ F1.0
CMIP8C42WI-28MDA	Bullet	0.0005 Lux @ F1.0
Features: Color 24/7, MD 2.0, Hybrid Illumination		

Highlights

- Hybrid illumination technology enables seamless switching from IR to white light when detecting human or vehicle
- Color 24/7 technology for excellent night vision
- MD2.0 Human/Vehicle classification to minimize false alarms

These cameras better complete our current Color 24/7 product line, together with the following new arrivals:

SKU	Features
CMIP7C82W-28MDA	Color 24/7 Dome, 4K
CMIP7C43W-SDZ	Color 24/7 Dome, Varifocal
CMIP3C82W-28MDAL	Color 24/7, Active Deterrence, 4K

APPLICATIONS IN RESIDENCES

INDUSTRY USE

Hybrid Illumination security cameras have a wide range of applications across various industries including residences, retail stores, warehouses, restaurants, and more. The white light only turns on when an event occurs, providing flexible and reliable protection for the goods and assets without concerns of light pollution, scene disruption, or camera exposure.

In the residential scenario, the Hybrid Illumination cameras can serve as motion sensors to illuminate the way for visitors at night or deter intruders, ensuring the security of your residence. With MD 2.0 human/vehicle detection, these cameras offer reliable and effective protection for residences of all kinds.



ECO-FRIENDLY SECURITY FOR VILLA

CASE STUDY

A Palo Alto family in California sought to upgrade the video surveillance system in their prestigious multimillion-dollar villa. The challenge is to replace the current outdated surveillance system and rewire a large area.

Understanding their need for top-notch security, LTS suggested using a tailored package that included Color 24/7 Hybrid Illumination Dome/Bullet cameras for the hallways and outdoor walkways, two 4K PTZ camera [PTZIP778NW-X25IR](#) for expansive coverage in the front and back of the home, a 32-channel NVR for seamless recording and playback, Door intercom [LTK3410ME](#) for enhanced access control, and Western Digital Purple HDD for data storage. With the upgraded security system, the homeowner enjoys better protection with an eco-friendly home management experience.



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