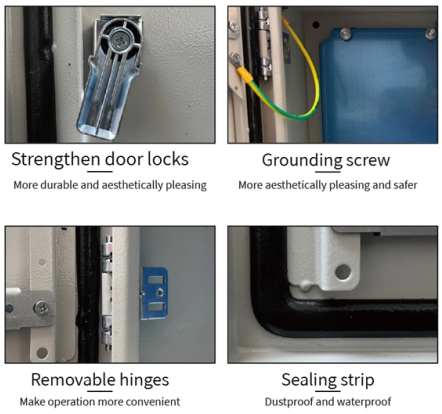
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What does Huawei s dual-light module mean



Overview

CDMA (Code-Division Multiple Access) is a channel access method for communications within mobile networks.

Key Takeaways

Huawei's dual-light module combines infrared (IR) and warm/white light to capture full-color video at night while minimizing light pollution.How It Works

Huawei's dual-light module, also known as Smart Dual Illumination, integrates two types of light sources in a single camera: an infrared (IR) illuminator and a warm or white LED light. During nighttime or low-light conditions, the IR light remains active to provide clear black-and-white images without disturbing the surroundings. When the camera detects a target, such as a person or vehicle, the warm light automatically activates, allowing the camera to capture full-color video and record critical details like clothing or vehicle colors. Once the target leaves the monitored area, the warm light turns off, and the IR light resumes operation, reducing unnecessary light exposure in the environment .

Key Features
• Automatic Switching: The system intelligently switches between IR and warm light based on detected motion, ensuring optimal illumination without manual intervention .

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• Full-Color Night Vision: Warm light enables color video capture in low-light conditions, which is crucial for identifying details that IR alone cannot provide .

• Reduced Light Pollution: By using IR light when color is not needed, the module minimizes disturbance to nearby residents or wildlife .

• Smart Detection: Advanced algorithms focus on human and vehicle targets, filtering out irrelevant objects like animals or foliage, which improves motion detection accuracy and reduces false alarms .

• Remote Control and Scheduling: Users can manage illumination modes via mobile apps or set schedules for different times of day, enhancing security flexibility .
Practical Benefits

Huawei's dual-light module is particularly useful in residential areas, parking lots, and retail environments, where capturing color details at night is important but constant bright lighting could be disruptive. It ensures high-quality surveillance footage while maintaining a low-impact lighting environment, combining security effectiveness with environmental consideration .

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