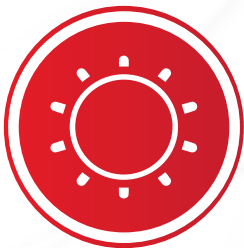# Maintain the Ambiance of a Scene with Covert, Full-Color Security

alhua TECHNOLOGY

NIGHT COLOR 2.0 FUSION

Two is Better than One
FUSION DUAL-LENS TECHNOLOGY

Covertly monitor low-light scenes in full-color

View full-color video without extra illumination that attracts insects.

Communicate commands in real-time with the built-in microphone and speaker

Dual black and white and visible sensors for better saturation and higher contrast

Night Color Fusion Technology is ideal for dark, low-light scenarios where both covert "surveillance" and full-color images are required. This technology simultaneously captures video using 2 x 4MP sensors. The first sensor extracts the details of the visible spectrum while the second sensor extracts the brightness of the black and white spectrum. The two images are then fused together to display the best of both worlds without the use of a white-light illuminator.

Sensor 1: Black & White
Capture black and white images with low noise through IR light

Sensor 2: Visible Light
Capture color images via the F1.0 large aperture and dual 4MP 1/1.8" sensor with high sensitivity
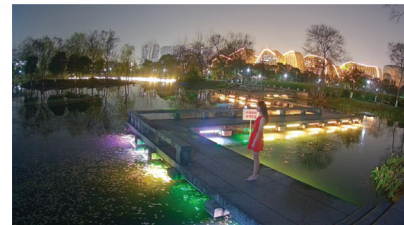
Sensor 1
Capture Brightness

Sensor 2
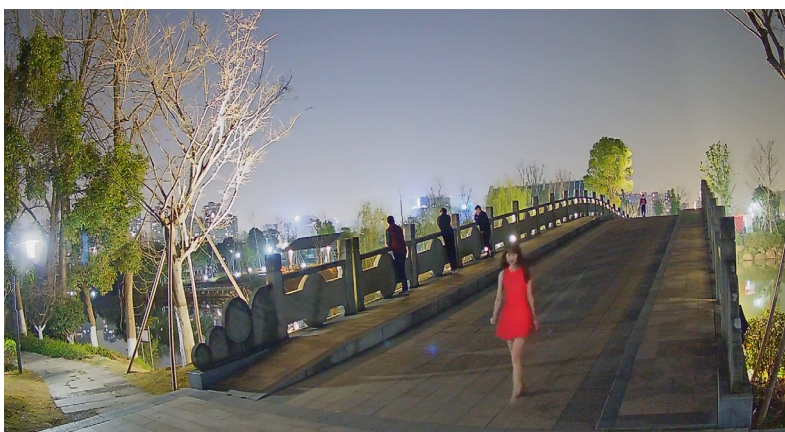Capture Details

Combined Output

36% Brighter vs
standard 4MP camera

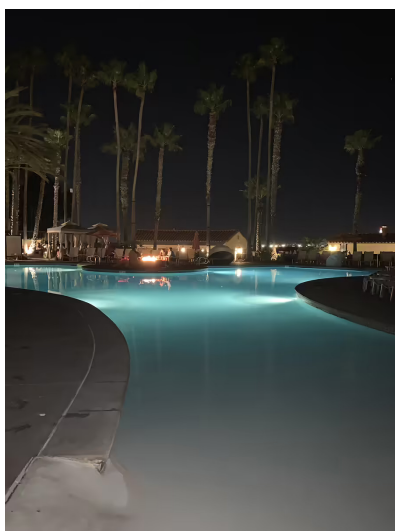Output color images without turning on the white light for reduced light pollution

4MP Camera with White-light LEDs On

4MP Night Color 2.0 Fusion Camera without White-light LEDs

The Night Color Fusion camera is ideal for customers who require covert color images in a dark or low ambient scene while maintaining the ambience and mood of the environment. Additionally, the camera has the ability to capture full-color images at longer distances compared to a standard IR camera.

Pools

Fountains / Parks

Holiday Walk-thru
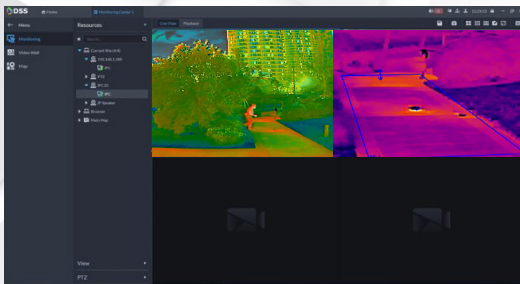

Amusement Park Rides

Intelligent Solutions for a Safer World

us.dahuasecurity.com

VIDEO MANAGEMENT SYSTEM (VMS)

Our Digital Surveillance System (DSS) VMS integrates with any VMS and provides a hub-and-spoke approach, allowing users to:

- Scale to additional locations
- Increase number of cameras affordably
- Instantly share usable data across multiple locations
- View analytics in one central platform
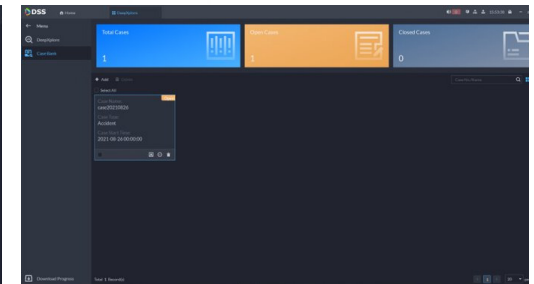- Save with no recurring license fees

Live View
View and manage all your Fusion cameras from one central location in real time.

Event Management
Monitor all your event notifications. Get notified when an IVS rule or SMD is triggered.

Case Bank
Easily create reports and store records of incidents to report to the authorities.

4MP Night Color 2.0 Fusion Network Eyeball

N45DUD2

- Dual 1/1.8-in. 4MP Progressive-scan CMOS Sensors
- Triple-stream Encoding
- AI Coding, Smart H.265+ and Smart H.264+ Video Compression
- 4MP (2688 x 1520) at 30 fps, Dual 2.8 mm Fixed Lenses
- Built-in Microphone and Built-in Speaker
- Analytics+ Functions — People Counting, Perimeter Protection, Smart Motion Detection+, and Face Detection
- Night Color Fusion Technology with IR and White-light LEDS for Color Images in Total Darkness
- Enhanced Power and Data Transmission Distances (ePoE)
- IP67 Ingress Protection and IK10 Vandal Resistance

MOBILE APPLICATION	STORAGE	
DMSS	DHI-TF-P100/128GB	DHI-TF-P100/256GB
	128 GB Micro SD Card	256 GB Micro SD Card

- iOS and Android
- Multiple channel Live Preview (up to 16 windows)
- Multiple channel Playback (up to 4-channels)
- Fast, Slow, and By Frame Modes for Video Playback
- Local Snapshots and Recording Stored Locally
- No Reoccurring Fees

- Ideal for High-Definition Video Recording
- Transmission Rate, up to 100 MB/s
- Compatibility: Micro SDHC, Micro SDXC, Micro SDHC UHS-I and Micro SDXC UHS-I, Dahua IP Cameras, Thermal Cameras, Network PTZ Cameras, Video Intercom Devices
- Temperature Resistant, Waterproof, Magnetic Resistant, X-ray Proof

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