See More with Night Color

Does your nighttime scene need a boost of brightness? Do you have difficulty making out important details in the dark? What if your monochrome scene could be converted to full color images so the color of a person's clothes and vehicle was visible? Dahua Night Color cameras are the answer.

These cameras use a high-performance image sensor that generates exceptional color images long after an IR camera converts to a black and white image.

This light-sensitive technology allows the camera to capture more available light, creating full-color images with exceptional detail and contrast.
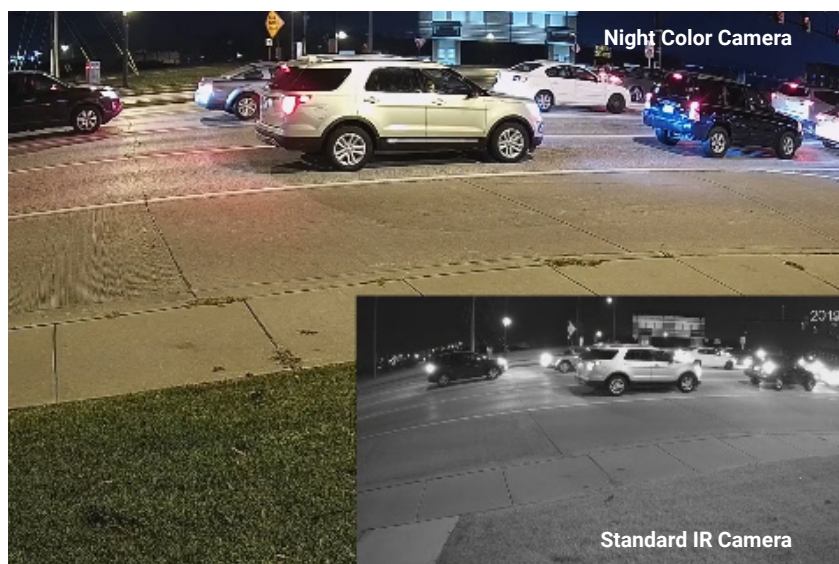
Thanks to Dahua's Night Color technology, identifying the color of a person's clothing or vehicle are now a reality.

Night Color Cameras are available in 2MP and 4MP IP and HDCVI options to meet various scenarios and budget requirements.
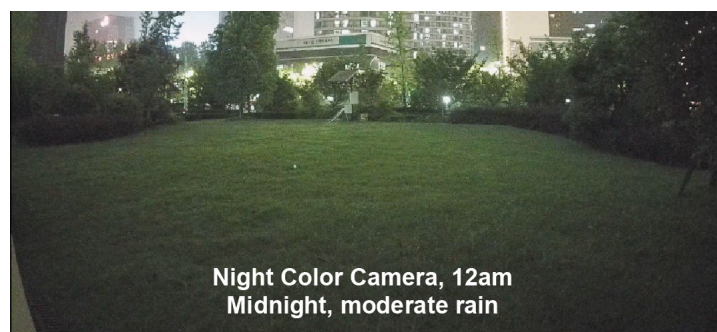
Options to Fit Your Needs

Two types of Night Color cameras are available to suit your needs. For environments with complete darkness, the white-light LED model offers a full-color image regardless of lighting conditions. Once lighting falls to a certain level, the white-light LEDs are activated, acting as a deterrent. This option is ideal for scenes where adding additional lighting is not preferred.

For applications with some ambient lighting, down to 1 lux, non-LED models are a great covert option. With no visible IR glow or LED lights acting as a deterrent, intruders will never know they are being recorded. Thanks to the elimination of IR illuminators, rain drops reflecting off the bubble are no longer a problem; resulting in better visibility. Additionally, since insects are attracted to IR, service calls to clear spiders and cobwebs away may be decreased.

Night Color Camera

Standard IR Camera

Application & Benefits:
- 4x's the brightness of a standard camera
- Clear viewing in poor weather
- Less false alarms for higher accuracy
- High reliability

Night Color Camera, 12am Midnight, moderate rain

Rain does not interfere with viewing

Standard IR Camera, 12am Midnight, moderate rain

IR reflected off raindrops, obscuring view

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Night Color Cameras are available in 2MP, 4MP and 8MP IP and HDCVI options to meet various scenarios and budget requirements.

White-light LED IP Camera			

N45EYN2 (COMING SOON)
- 1/1.8-in. 4MP CMOS Sensor
- Smart H.265+ / H.264+ Dual Codec
- 2.8 mm Lens
- 0.001Lux@F1.0 (Color, 30IRE)
- Ultra Wide Dynamic Range (140 dB)
- People Counting, Perimeter Protection, Smart Motion Detection+, Heat Map, Object Detection and Face Capture
- ArcticPro — Operational down to –40°C (–40° F)
- IP67, IK10
- Built-in Microphone
- LED Distance: 20 m (65.61 ft)

N45EYNZ (COMING SOON)
- 1/1.8-in. 4MP CMOS Sensor
- Smart H.265+ / H.264+ Dual Codec
- Vari-focal Lens
- 0.001Lux@F1.0 (Color, 30IRE)
- Ultra Wide Dynamic Range (140 dB)
- People Counting, Perimeter Protection, Smart Motion Detection+, Heat Map, Object Detection and Face Capture
- ArcticPro — Operational down to –40°C (–40° F)
- IP67, IK10
- Built-in Microphone
- LED Distance: 40 m (131.23 ft)

N45EJ62
- 1/1.8-in. 4MP CMOS Sensor
- Triple-stream Encoding
- Smart H.265+ / H.264+ Dual Codec
- 4MP at 30 fps, 2.8 mm Lens
- Ultra Wide Dynamic Range (140 dB)
- Built-in Microphone
- People Counting, Perimeter Protection, Smart Motion Detection, and Face Detection
- ArcticPro – Operational down to –40° C (–40° F)
- IP67
- LED Distance: 20 m (65.62 ft)

N45EJN2 (COMING SOON)
- 1/1.8-in. 4MP CMOS Sensor
- Smart H.265+ / H.264+ Dual Codec
- 2.8 mm Lens
- 0.001Lux@F1.0 (Color, 30IRE)
- Ultra Wide Dynamic Range (140 dB)
- People Counting, Perimeter Protection, Smart Motion Detection+, Heat Map, Object Detection and Face Capture
- ArcticPro — Operational down to –40°C (–40° F)
- IP67
- Built-in Microphone
- LED Distance: 20 m (65.62 ft)

N43BJ62 (COMING SOON)
- 1/2.7-in. 4MP CMOS Sensor
- Triple-stream encoding
- Smart H.265+ / H.264+ Dual Codec
- 4MP at 30 fps, 2.8 mm Lens
- True Wide Dynamic Range (120 dB)
- Warm LED up to 98ft (30m)
- SMD+, Perimeter Protection
- ArcticPro — Operational down to –40°C (–40° F)
- IP67 / IK10
- Built-in Microphone
- LED Distance: 30 m (98.4 ft)

N43BB62 (COMING SOON)
- 1/2.7-in. 4MP CMOS Sensor
- Triple-stream encoding
- Smart H.265+ / H.264+ Dual Codec
- 4MP at 30 fps, 2.8 mm Lens
- True Wide Dynamic Range (120 dB)
- Warm LED up to 98ft (30m)
- SMD+, Perimeter Protection
- ArcticPro — Operational down to –40°C (–40° F)
- IP67 / IK10
- Built-in Microphone
- LED Distance: 30 m (98.4 ft)

N45EFN2 (COMING SOON)
- 1/1.8-in. 4MP CMOS Sensor
- Smart H.265+ / H.264+ Dual Codec
- 2.8 mm Lens
- 0.001Lux@F1.0 (Color, 30IRE)
- Ultra Wide Dynamic Range (140 dB)
- People Counting, Perimeter Protection, Smart Motion Detection+, Heat Map, Object Detection and Face Capture
- ArcticPro — Operational down to –40°C (–40° F)
- IP67
- Built-in Microphone
- LED Distance: 30 m (98.4 ft)

N45EFNZ (COMING SOON)
- 1/1.8-in. 4MP CMOS Sensor
- Smart H.265+ / H.264+ Dual Codec
- Vari-focal Lens
- 0.001Lux@F1.0 (Color, 30IRE)
- Ultra Wide Dynamic Range (140 dB)
- People Counting, Perimeter Protection, Smart Motion Detection+, Heat Map, Object Detection and Face Capture
- ArcticPro — Operational down to –40°C (–40° F)
- IP67
- Built-in Microphone
- LED Distance: 60 m (196.85 ft)

N85EFN2 (COMING SOON)
- 1/1.2-in. 8MP CMOS Sensor
- Smart H.265+ / H.264+ Dual Codec
- 2.8 mm Lens
- 0.001Lux@F1.0 (Color, 30IRE)
- Ultra Wide Dynamic Range (140 dB)
- People Counting, Perimeter Protection, Smart Motion Detection+, Heat Map, Object Detection and Face Capture
- ArcticPro — Operational down to –40°C (–40° F)
- IP67
- Built-in Microphone
- LED Distance: 30 m (98.4 ft)

Note: Coming Soon specifications are preliminary and are subject to change.

No LEDs IP Cameras

N45EM63	N45EF63
• 1/1.8-in. 4MP CMOS Sensor • Triple-stream Encoding • Smart H.265+ / H.264+ Dual Codec • 4MP at 30 fps, 3.6 mm Lens • True Wide Dynamic Range (120 dB) • People Counting, Perimeter Protection, Smart Motion Detection, and Face Capture • ArcticPro — Operational down to –40°C (–40° F) • IP67 / IK10 Vandal Resistance	• 1/1.8-in. 4MP CMOS Sensor • Triple-stream Encoding • Smart H.265+ / H.264+ Dual Codec • 4MP at 30 fps, 3.6 mm Lens • True Wide Dynamic Range (120 dB) • People Counting, Perimeter Protection, Smart Motion Detection, and Face Capture • ArcticPro — Operational down to –40°C (–40° F) • IP67

HDCVI Cameras

A22BJ63	A42BJAZ	A42BJA2
• 1/2.8-in. 2MP Progressive-scan CMOS Sensor • 2MP at 30 fps • 3.6 mm Lens • True Wide Dynamic Range (120 dB) • Supports: HDCVI, CVBS, AHD and TVI • Built-in Microphone • HD or SD Output, Switchable • IP67	• 1/1.79-in. 4MP Progressive-scan CMOS Sensor • 4MP at 30 fps • 3.7 mm to 11 mm Motorized Lens • True Wide Dynamic Range (120 dB) • Supports: HDCVI, CVBS, AHD and TVI • Built-in Microphone • HD or SD Output, Switchable • IP67	• 1/1.79-in. 4MP Progressive-scan CMOS Sensor • 4MP at 30 fps • 2.8 mm Lens • True Wide Dynamic Range (120 dB) • Supports: HDCVI, CVBS, AHD and TVI • Built-in Microphone • HD or SD Output, Switchable • IP67

XVR | NVR

X82B3A Series	DHI-NVR5216-16P-I	N52B5P	N42B3P
• 4K at 7 fps Recording Resolution on All HDCVI Channels • Available with a 2 TB, 4 TB, 6 TB, or 8 TB Pre-installed Hard Drive • Dual-stream Video Recording • AI Coding Technology for High-quality Human/Vehicle Video • Auto-detection and Auto-configuration of Video Inputs • 16 + 16 IP Camera Channels, each channel up to 8 MP • Maximum 128 Mbps Incoming Bandwidth • Perimeter Protection and Smart Motion Detection (SMD) • Long-distance Video Transmission	• Maximum 320 Mbps Incoming Bandwidth • Available with a 4 TB Pre-installed Hard Drive • 16 IP Channel Video Access • Smart H.265+ and Smart H.264+ Video Compression • Perimeter Protection with Rule Definitions per Channel (up to 4 channels) • Video Stream Face Recognition (up to 4 channels) • Processes 24 Facial Images per Second • Facial Database Management, Stores up to 20,000 Faces • Stranger Mode to Detect Faces not Stored in Database • 16 PoE Ports, Ports 1 to 8 Support ePoE and EoC Signal Transmission up to 800 m (2625 ft)	• Smart H.265+ and Smart H.264+ Dual Codecs • Maximum 320 Mbps Incoming Bandwidth • Up to 12 MP Resolution for Preview and Playback • Ports 1 to 8 Support ePoE and EoC Signal Transmission, up to 800 m (2524 ft) • HDMI and VGA Simultaneous Video Output • Fisheye Dewarping • Compatible with Dahua Smart Motion Detection Cameras	• H.265 and H.264 Video Compression • Maximum 200 Mbps Incoming Bandwidth • Up to 8 MP Resolution for Preview and Playback • Simultaneous HDMI and VGA Video Output • Support for IPC and UPnP Protocols 16 PoE Ports • Compatible with Dahua Smart Motion Detection Cameras • Support for Automatic Network Replenishment (ANR) Technology