



Full-color

24H Color Video Surveillance

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- The key features
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- Product portfolio



Full-color Technology

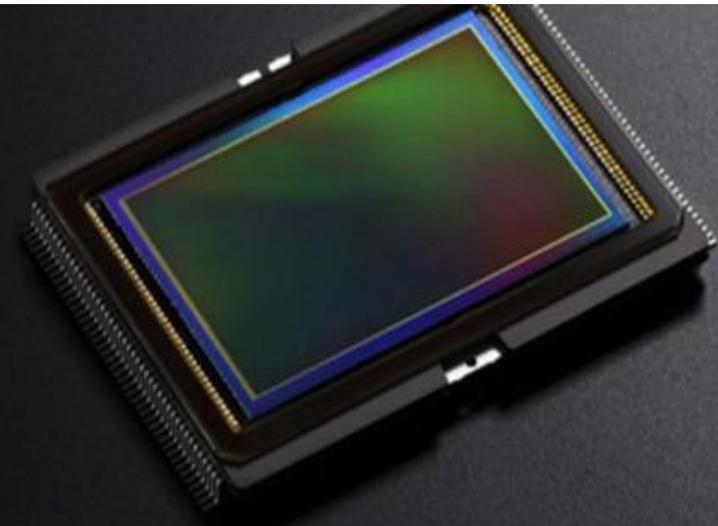
Full-color Technology



Dahua full-color series security camera is able to present a full color image that provides color details to identify people or objects accurately in low-light conditions. For a better security utilization it must be used in a environment with external light sources nearby.

Full-color Technology STARVIS Sensor

STARVIS



SONY

Back-illuminated pixel technology realizes high picture quality in the visible-light and near infrared light regions.

Full-color Technology Large Aperture Lens



With higher amount of absorbed light by the larger aperture, the full-color series camera is able to present a more vivid, brighter image under lowlight conditions.

F2.0



F1.4



F1.0





The Key Features

The Key Features

Achromatic lens

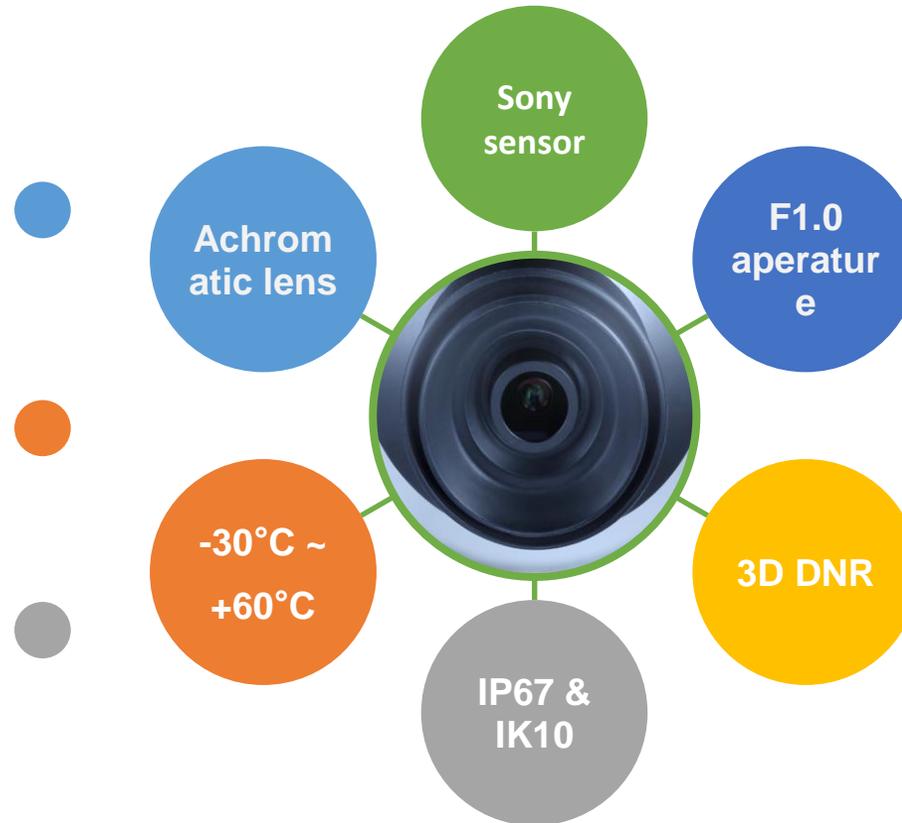
UD ED camera lens corrects chromatic aberration, offering better color rendition

Wider application

Delicate structural design supports -30° C ~ +60° C working temperature, can be applied to harsh environments

Reliability

Certified to IP67 & IK10, suitable for outdoor applications



Sony sensor

1/2.8 inch Sony Starvis image sensor, high light sensitivity, offering excellent low-light performance

F1.0 aperture

F1.0 large aperture offers 4 times the brightness of a normal camera, greatly improving the image quality under low illumination

3D DNR

3D DNR technology reduces system noise, making image much cleaner

The Key Features

High color reproduction under low illumination



Cell phone



Starlight camera



Full-color camera

4 times the brightness of a normal camera

2.5 times the brightness of a starlight camera



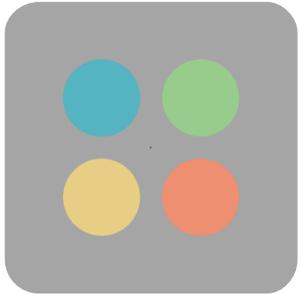
Benefits of Full-color

Benefits of Full-color Surveillance



Energy saving

The power consumption of a normal surveillance camera is around 8-12W with IR LED turning on, while the maximum power consumption of a full-color camera would not over **4W**.



Color details

24/7 color monitoring significantly increases probability of gathering valid human, vehicle, and event evidence.



invisible

No IR light, **invisible** surveillance.

Benefits of Full-color Surveillance



B/W video



Color video



Applications

Applications

Full-color security cameras are ideal for the exterior of houses or buildings with external light sources nearby. It is important to note that this series feature needs ambient lighting to continue to record full color images. If the lighting conditions ever drop below 1 lux (almost total darkness), the full-color video can not be used for monitoring use

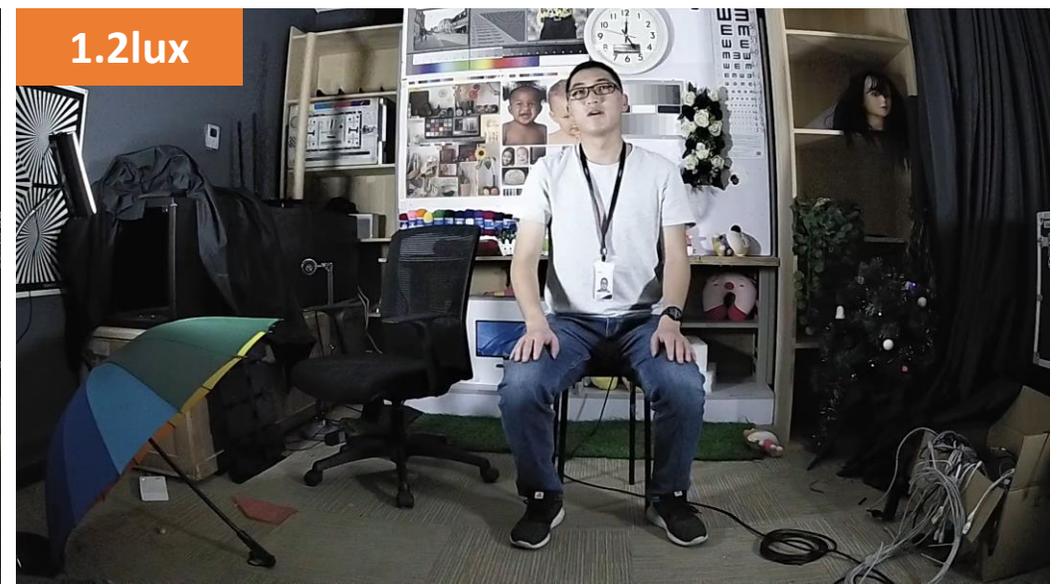
Bright ambient light (above 1Lux)



Dim ambient light (below 1Lux)



Applications



Applications

Parking lots/Urban streets/Schools/Museums/Bars/Casino





Product Family

Product Family

HDCVI camera:



HAC-HFW2241T-I8-A



HAC-HFW2241E-A



HAC-HDW2241T-A

IP camera:



IPC-HFW4239T-ASE



IPC-HDBW4239R-ZE



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