Dahua Technology Unveils High-Tech Starlight Camera Series For Dark And Low-Light Environments

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As public security concerns spread across the globe, public areas that lack guard during non-business hours are requiring reliable surveillance equipment in the case of high crime rate at night or poor lighting conditions. In response, Dahua Technology, a video-centric smart IoT solution and service provider, develops “Starlight Technology” with comprehensive camera portfolio including PTZ, IPC and HDCVI to serve various needs of low-light environment.

Starlight cameras

Compared to traditional video monitoring cameras, Dahua Starlight cameras feature high light sensitivity to provide brighter view under low-light environment. Offering clear image with rich details
and ultra-high definition from 1080P to 4K, the Starlight cameras guarantee 24/7 reliable and
detailed monitoring of public places such as parking lot, street, campus, store, etc. Besides, the
high color reproduction and longer color video period enable the probability of collecting valid
human, vehicle, and event evidence.

Starlight, Starlight+ and Full-Color Variations

From Value Starlight to Full-color, Dahua Starlight family meets both entry-
level and high-end needs

Under same lighting condition, a Starlight camera turns Black/White later and presents brighter
image with far more details whereas a full-color camera presents 24/7 color image.

From Value Starlight to Full-color, Dahua Starlight family meets both entry-level and high-end needs
according to different lighting conditions. While Value Starlight represents cost-efficient solutions for
entry-level markets, Starlight, Starlight + and Full-color respectively offer right solutions for common
users, critical scenarios and toughest environment with their various performance.

Smart IR and Smart Light technology

Behind Starlight’s great performance is Dahua Technology’s strong R&D ability and technological
attention paid on different parts of camera. Starlight camera employs high-performance sensor or
large-sized sensor with 1/1.8” or even 4/3” inch dimension to present better light sensitivity. Large
aperture lens instead of conventional lens are utilized to present more vivid and brighter image
under low-light environments.

High performance DSP and advanced image processing properly balances noise reduction and
smear suppression while retaining appreciable clarity, which better enhances the Starlight
performance. Furthermore, proper light compensation, like IR lighting (for B/W image) or LED
lighting (for full-color image) is equipped together with Smart IR or Smart Light technology to
present better night view while avoiding overexposure in total dark environment.

All these advantages make Starlight Technology stand out. And undoubtedly, Dahua Technology’s complete Starlight product portfolio are ideal choices for customers who are looking for surveillance equipment with excellent performance for various low-light applications. With a mission of “Enabling a Safer Society and Smarter Living”, Dahua Technology will keep focusing on “Innovation, Quality and Service” to serve both partners and customers around the world.
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