

HIKVISION®

AcuSense

ColorVu

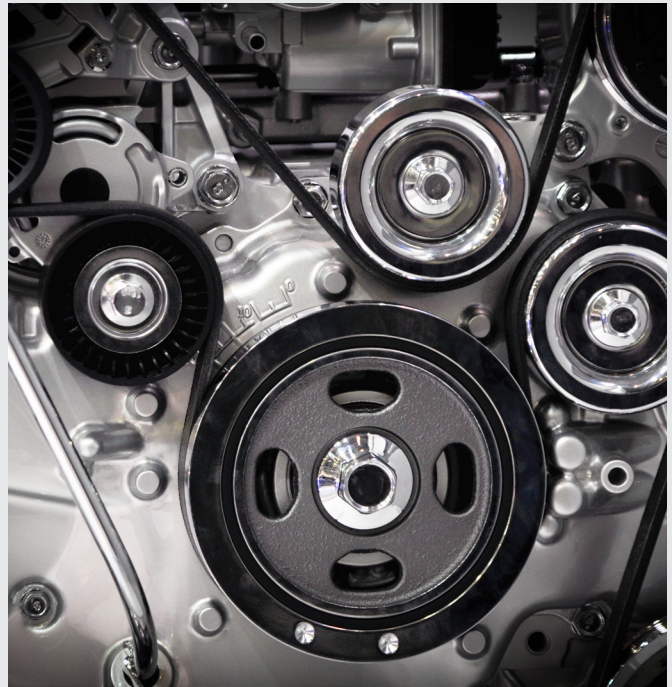


MORE THAN WHAT YOU SEE
TURBO HD 5.0 SOLUTION

HIKVISION UK & IRELAND 2018

Ever since Hikvision introduced its Turbo HD technology back in 2013, security industry professionals have praised its amazing ability. The Turbo HD line transforms analogue CCTV video into high-quality, high-definition surveillance. It's more than an upgrade – it's revolutionary technology. Installers love it because they can install it using existing coaxial cable (and other wiring, too); business owners love it because it's cost effective; and everyone who uses it loves it for its clear, sharp imaging, high reliability, and ease of use.

Each iteration of the Turbo HD product portfolio advances the technology to a new level. Version 1.0 took analogue resolutions from 420 TVL up to Hi-Def 1080p – by nothing more than plugging old wires into new cameras and DVRs. Fast forward a few years to version 4.0, where Turbo products sent analogue signals up to 8 MP and began using the H.265 high-efficiency codec; what's more, Hikvision's signature H.265+ codec maintains 4K video while cutting bandwidth and storage requirements down by as much as 87%.



Turbo HD HISTORY

Turbo 1.0

- Resolution: from 420TVL to HD1080P
- Compression: H.264

Turbo 4.0

- Ultra HD: up to 8 MP
- Compression: H.265 & H.265+
- Ultra-low-light technology
- Updated installation flexibility: PoC 2.0

Turbo 3.0

- Resolution: Up to 5MP
- Compression: H.264 & H.264+
- Compatibility: TVI / CVBS / IPC along with 2 more standards
- Installation flexibility: PoC 1.0

Turbo 5.0

Turbo HD 5.0

MORE THAN WHAT YOU SEE

And it gets even better.

Boasting new features and functionalities, Turbo HD 5.0 once again takes analogue and CCTV systems into the future. This new version transmits vivid colour imaging 24 hours a day, with a brightness and clarity not seen before in TVI systems. And – for the first time in Turbo HD history – deep learning technology provides high-tech security surveillance capabilities that surpass industry standards worldwide.

Read on for more information about what Turbo HD 5.0 – the newest and best version to date – can do for your next upgrade.



AcuSense Turbo HD DVR

Based on deep learning algorithms, the AcuSense technology offers improved VCA accuracy.

- Deep learning algorithm
- GPU architecture
- Human/vehicle extraction



ColorVu Turbo HD Camera

With 24-hour chromatic imaging, ColorVu technology turns dark nights into colorful days.

- Advanced lens
- High sensitivity
- Friendly lighting

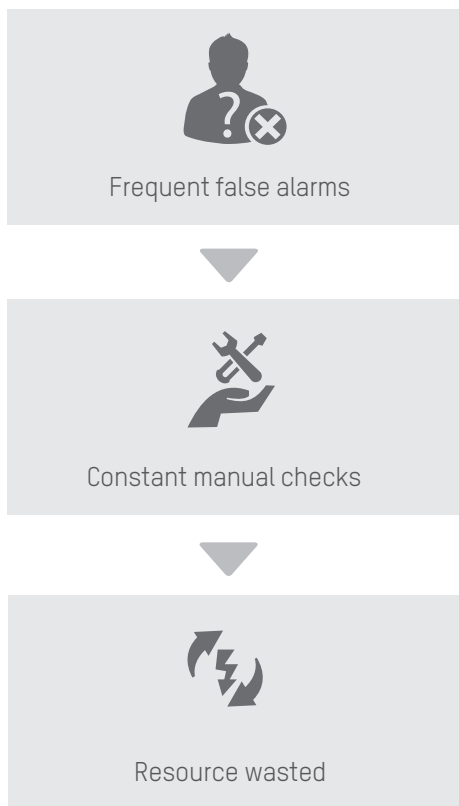
AcuSense Turbo HD DVR

Intelligently Accurate with Deep Learning

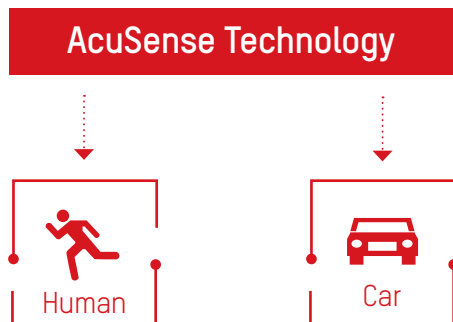


Problems with Conventional Systems

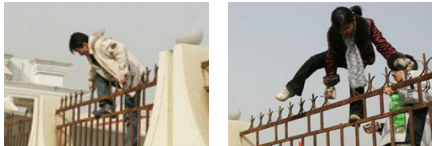
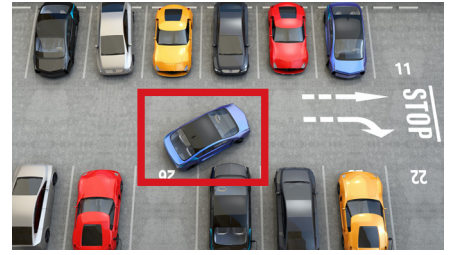
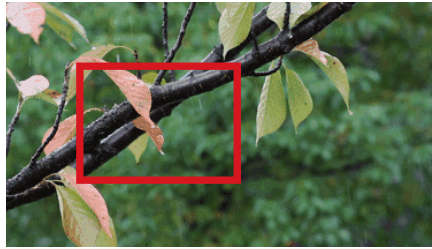
- Conventional security systems only detect moving targets without further analysis
- Frequent false alarms create constant problems for users



Target Extraction



False Alarm Filter

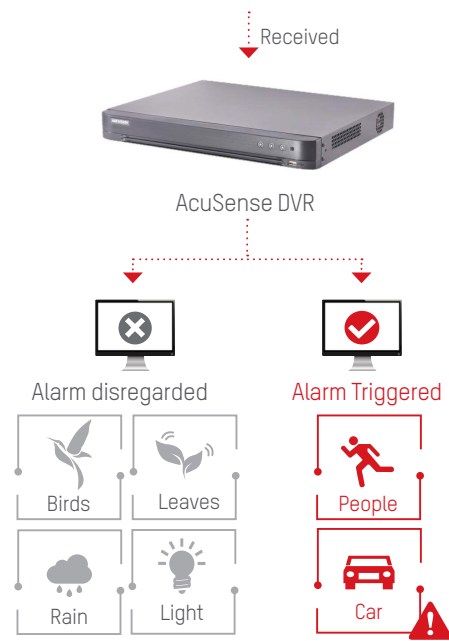


Conventional Perimeter Protection

Perimeter Protection with Deep Learning



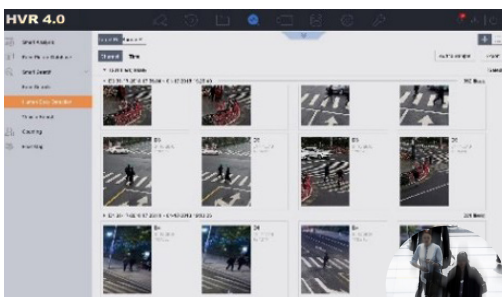
False alarms cannot be discarded



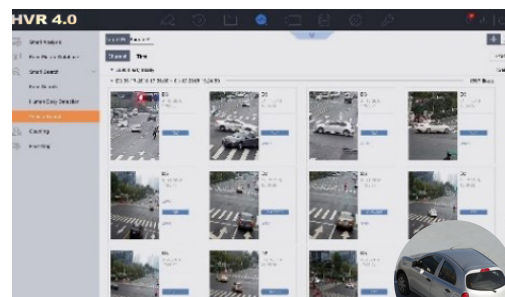
False alarms are filtered

Quick Target Search

Infused with the latest deep learning technology, AcuSense DVRs are able to extract images of humans and vehicles from massive video data and store snapshots for efficient video footage search and retrieval.



Human files search



Vehicle files search



Smart human/vehicle recognition
Efficient video retrieval

ColorVu Turbo HD Camera

ROUND-THE-CLOCK VIVID COLOUR BOOSTER

Advanced lens

- F1.0 super aperture
- BBAR coating
- ED Optical glass



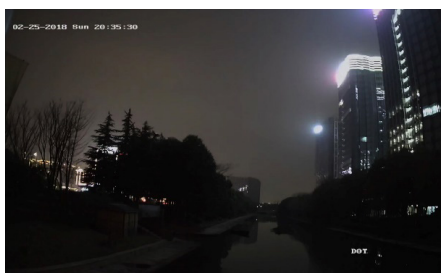
High-sensitivity

- Smart FSI technology
- Self-adaptive 3D DNR algorithm

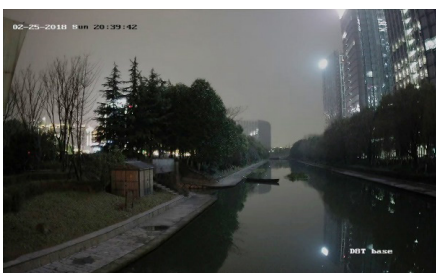
Friendly Lighting

- Anti-glare diffusion lens
- Warm supplemental lighting

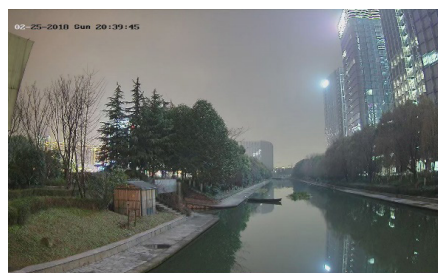
24/7 Chromatic Image - without opening supplemental light



Conventional HD1080p camera



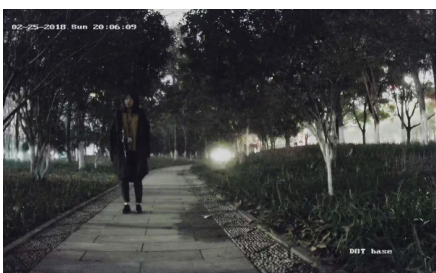
Ultra low light and HD1080p camera



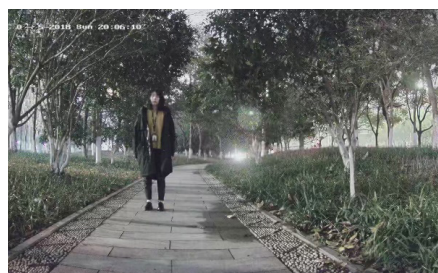
ColorVu Turbo HD camera



Conventional HD1080p camera



Ultra low light and HD1080p camera



ColorVu Turbo camera

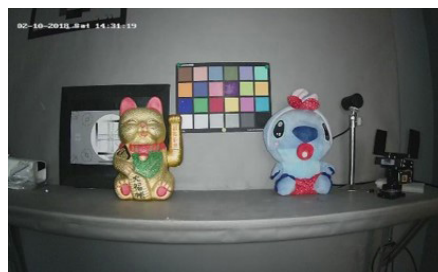
24/7 Chromatic Image -with supplement light opening



Conventional HD1080p camera



Ultra low light and HD1080p camera

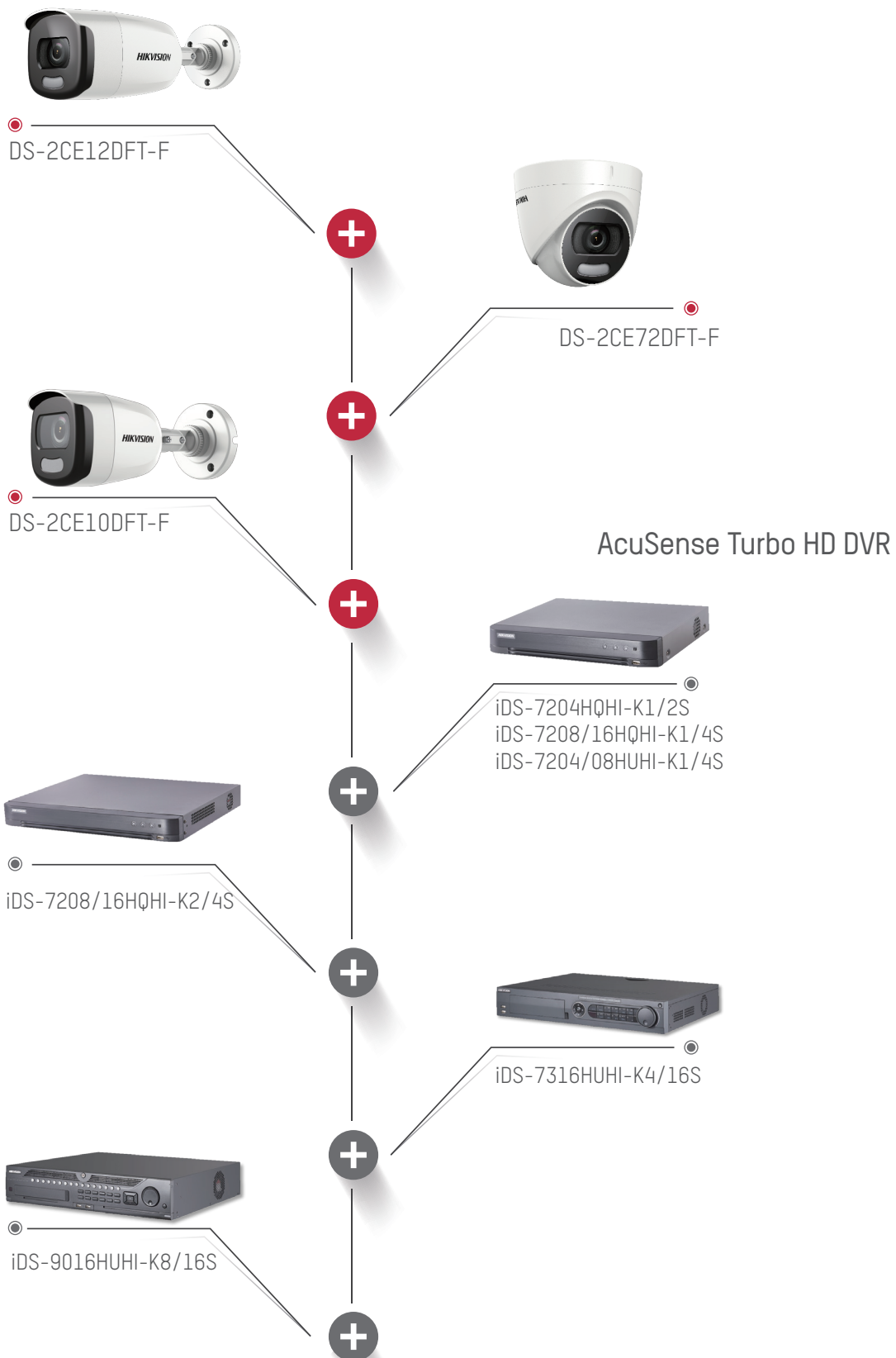


ColorVu Turbo camera

Turbo HD 5.0

Turbo HD 5.0 PRODUCT SHOWCASE

ColorVu Turbo HD Camera





MORE THAN WHAT YOU SEE
TURBO HD 5.0 SOLUTION

Distributed by



HIKVISION

Headquarters

No.555 Qianmo Road, Binjiang District,
 Hangzhou 310051, China
 T +86-571-8807-5998
 overseasbusiness@hikvision.com

Hikvision UK & Ireland

4 The Square, Hayes,
 Uxbridge UB11 1ET
 T +01628-902140
 sales.uk@hikvision.com

Hikvision USA

T +1-909-895-0400
 sales.usa@hikvision.com

Hikvision Europe

T +31-23-5542770
 sales.eu@hikvision.com

Hikvision UK & Ireland

T +01628-902140
 sales.uk@hikvision.com

Hikvision UAE

T +971-4-4432090
 salesme@hikvision.com

Hikvision Russia

T +7-495-669-67-99
 saleru@hikvision.com

Hikvision Australia

T +61-2-8599-4233
 salesau@hikvision.com

Hikvision Italy

T +39-0438-6902
 info.it@hikvision.com

Hikvision South Africa

Tel: +27 (10) 0351172
 sale.africa@hikvision.com

Hikvision Singapore

T +65-6684-4718
 sg@hikvision.com

Hikvision Korea

T +82-(0)31-731-8817
 sales.korea@hikvision.com

Hikvision Hong Kong

T +852-2151-1761
 info.hk@hikvision.com

Hikvision India

T +91-22-28469900
 sales@pramahikvision.com

Hikvision Brazil

T +55 11 3318-0050
 Latam.support@hikvision.com

Hikvision France

T +33(0)1-85-330-450
 info.fr@hikvision.com

Hikvision Spain

T +34-91-737-16-55
 info.es@hikvision.com

Hikvision Poland

T +48-22-460-01-50
 info.pl@hikvision.com

Hikvision Canada

T +1-866-200-6690
 sales.canada@hikvision.com

Hikvision Turkey

T +90 (216)521 7070- 7074
 sales.tr@hikvision.com

Hikvision Kazakhstan

T +7-727-9730667
 nikia.panfilov@hikvision.ru

Hikvision Tashkent

T +99-87-1238-9438
 uzb@hikvision.ru

Hikvision Indonesia

T +62-21-2933759
 Sales.Indonesia@hikvision.com

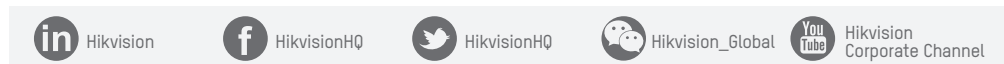
Hikvision Thailand

T +662-275-9949
 sales.thailand@hikvision.com

Hikvision Colombia

sales.colombia@hikvision.com

Follow us on social media to get the latest product and solution information



www.hikvision.co.uk