MORE THAN WHAT YOU SEE
TURBO HD 5.0 SOLUTION
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 the next amazing 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 5.0
MORE THAN WHAT YOU SEE

And it gets even better.

Boasting new features and functionalities, Turbo HD 5.0 once again takes analog and CCTV systems into the future. This new version transmits vivid color 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
- Target classification (Human / Vehicle / Others)

ColorVu Turbo HD Camera
With 24 hour chromatic imaging, the ColorVu technology turns dark nights into colorful day.

- Large Aperture
- Advanced Sensor
- 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 Classification

- Frequent false alarms
- Constant manual checks
- Resource wasted

AcuSense Technology

- Target Classification
- Quick Target Search
- False Alarm Reduction

Turbo HD 5.0
False Alarm Reduction

Conventional Perimeter Protection

Perimeter Protection with Deep Learning

False alarms cannot be disregarded

False alarms are disregarded

Quick Target Search

Infused with the latest deep-learning technology, AcuSense DVRs are able to extract human and vehicles from massive video data and store snapshots of the objects for efficient video footage search and retrieval.
ColorVu Turbo HD Camera
ROUND-THE-CLOCK VIVID COLOR BOOSTER

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

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

- Friendly Lighting
  - Anti-glare diffusion lens
  - Warm supplemental lighting

1 24/7 Chromatic Image - without supplemental light

2 24/7 Chromatic Image - with supplemental light
Turbo HD 5.0 PRODUCT SHOWCASE

ColorVu Turbo HD Camera

- DS-2CE12DFT
- DS-2CE10DFT

AcuSense Turbo HD DVR

- iDS-7204H0HI-K1/2S
- iDS-7208/16H0HI-K1/4S
- iDS-7204/08HUHI-K1/4S
- iDS-7208/16H0HI-K2/4S
- iDS-7204/08HUHI-K2/4S
- iDS-7316HUHI-K4/16S
- iDS-9016HUHI-K8/16S
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Distributed by

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

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

Hikvision Australia
T +61-2-8086-4213
salesau@hikvision.com

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

Hikvision China
T +86-86-6886-4718
sales@hikvision.com

Hikvision Turkey
T +90 (216)521 3739
sales.tr@hikvision.com

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

Hikvision Germany
T +49-69-401507290
sales.uk@hikvision.com

Hikvision Korea
T +82-2-731-8817
sales.korea@hikvision.com

Hikvision Canada
T +1-866-210-8690
sales.canada@hikvision.com

Hikvision France
T +33-91-737-16-55
info.fr@hikvision.com

Hikvision Australia
T +61-2-8086-4213
salesau@hikvision.com

Hikvision France
T +33-01-85-330-460
info.fr@hikvision.com

Hikvision Canada
T +1-866-210-8690
sales.canada@hikvision.com

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

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