RETHINK SECURITY
A surveillance system with active response and real-time alarm

TURBO HD X

HIKVISION®
Turbo HD X
In A Nutshell

Turbo HD X is redefining security – from a passive system to an active one. This is accomplished by integrating three essentials:
- an effective camera with built-in siren and flashing light for immediate response,
- a powerful DVR with the capability to trigger accurate alarms, and
- a mobile app that displays your video feed, anywhere, any time.

Don’t just watch footage of events after they happen – prevent them! It’s time to reimagine what a security system is, what it is for, and what it aims to do.

PASSIVE VS ACTIVE
Enables security systems to be more active

POST-EVENT VS REAL-TIME
Changes the action time from post-event to the “right now”

ISOLATED VS INTEGRATED
Connects devices to serve one unified purpose

Quality video is essential to any security system. But we wanted more.
The Turbo HD X System

How It Works

Looking at the benefits achieved by the Turbo HD X system, you might think a complex and expensive system was required. Maybe in the past, but not any more! The system design below shows how simple Turbo HD X can get – with just one camera, one DVR, and a mobile device of your own.

The layout below clearly shows how these devices are connected to offer you an active – not passive – surveillance system with real-time alarm.

A Unified System
It’s a complete and unified alarm system including front- and back-end devices as well as a centralized management platform.

Dual Detection
- Front-end: Combining video and non-video technology, Turbo HD X detects events in progress.
- Back-end: Deep learning technology empowers radical event detection and response.

Multi-Device Notifications
The front-end alarm warns and deters intruders, while the back-end will push notifications to security personnel. Alarm information will also be shown on mobile devices.
10:34 at night, someone begins breaking into the largest supermarket in town.

At the entrance
The siren sounds and the blue and red lights flash. The thief quickly runs off.

In the monitoring room
An alarm notification pops up. The on-duty officer immediately notices and sends staff to check.

On the mobile app
The store manager gets a message on his phone and calls the security team to make sure everything is handled properly.

Applications

Warehouse

Residences

Jewelry Stores
If you’re already familiar with Hikvision’s Turbo HD technology, you know how it can radically transform an analog security system to an advanced, high-definition, data-rich powerhouse.

Throughout Turbo’s history, we have continually advanced what every surveillance system installer cares about most: 
**Clear and Accurate Video Recording.**

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<thead>
<tr>
<th>Turbo 1.0</th>
<th>Turbo 3.0</th>
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<tbody>
<tr>
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<td>H.265 &amp; H.265+</td>
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<td>AcuSense</td>
<td>PoC 2.0</td>
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**4K**
Four times the resolution of 1080p, providing all the details you need.

**24/7 Vivid Color Imaging**
Bright, clear video even in zero-light environments.

**H.265+**
Superb compression technology that stores 50% more video footage.

**Quick Target Search**
Seeking suspects? A vehicle? Finding footage of the event is now much easier.
From Entry-Level to Advanced
Our Offerings

**Premium Solution**

- Deep learning technology
- Human and vehicle detection and classification
- Long-distance detection – up to 30 meters
- Built-in siren and flashing light
- Convenient remote/mobile management

**Basic Solution**

- Passive Infrared (PIR) for accurate human body detection
- 11-Meter PIR detection range
- Higher accuracy rates when PIR signal is linked with video analysis
- Built-in siren and flashing light
- Convenient remote/mobile management

**Camera**

- 2 MP, ColorVu, PIR, Siren
  - DS-2CE72DFT-PIRXQF
  - DS-2CE12DFT-PIRXQF

**DVR**

- False Alarm Reduction, 4K, AcuSense, Hybrid
- IDS-7200HDMI-M/S Series
- IDS-7200HIH-M/S Series

**Camera**

- 2 MP, ColorVu, PIR, Siren
  - DS-2CE720DFT-PIRXQF
  - DS-2CE12DFT-PIRXQF

**DVR**

- H.265 Pro+, 4K, Hybrid
  - DS-7200HQHI-K Series
  - DS-7200HIH-K Series