Hikvision DS-2TD1217-3/V1 Thermal & Optical Network Turret Camera equipped with built-in GPU which support intelligent behavior analysis algorithm, can realize high precision VCA detection and real-time alarm. It is applied to fire-prevention purposes in indoor space such as: engine room, ATM, conference room, warehouse, museum, train station, gem, power station, and so on. The pre-alarm system helps you discover unexpected events immediately and protects you from property loss.

**Smart Function (Thermal Imaging)**
- Leading image processing technology: Adaptive AGC, DDE, 3D DNR, NETD less than 40 mk (25°C), F# = 1.1
- Powerful behavior analysis function, based on deep learning algorithm: Line crossing, Intrusion, Region Entrance & Exit
- Reliable temperature exception alarm function
- Advanced fire detection algorithm
- Bi-spectrum image fusion, picture in picture preview

**Thermal Imaging Module Function**
- 160 × 120 (the resolution of output image is 320 × 240) resolution sensor, high sensitivity sensor, support contrast adjustment
- Shutter adjustment in various modes
- 3D DNR, 15 palettes of color adjustable, image detail enhancement

www.hikvision.com
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Detection Range Table

* The table is only for reference, the performance may vary from camera to camera.

**Smart functions Range**
Different targets trigger the VCA events within different range limits.

<table>
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<tr>
<th>VCA Range (Vehicles: 1.4×4.0m)</th>
<th>VCA Range (Humans: 1.8×0.5m)</th>
<th>Temperature Measurement (Object:2×2 m)</th>
<th>Temperature measurement (Object:1×1 m)</th>
<th>Fire Detection (Object:2×2 m)</th>
<th>Fire Detection (Object:1×1 m)</th>
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</thead>
<tbody>
<tr>
<td>63 m</td>
<td>21 m</td>
<td>66 m</td>
<td>33 m</td>
<td>180 m</td>
<td>90 m</td>
</tr>
</tbody>
</table>

**Wide Range Coverage**
There is range limit for detecting, recognizing, and identifying human/vehicle targets.

<table>
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<tr>
<th>Detection Range (Vehicles: 1.4×4.0m)</th>
<th>Detection Range (Humans: 1.8×0.5m)</th>
<th>Recognition Range (Vehicles: 1.4×4.0m)</th>
<th>Recognition Range (Humans: 1.8×0.5m)</th>
<th>Identification Range (Vehicles: 1.4×4.0m)</th>
<th>Identification Range (Humans: 1.8×0.5m)</th>
</tr>
</thead>
<tbody>
<tr>
<td>280 m</td>
<td>91 m</td>
<td>70 m</td>
<td>23 m</td>
<td>35 m</td>
<td>11 m</td>
</tr>
</tbody>
</table>

**Available Model**
DS-2TD1217-3/V1

**Dimensions**

![Dimensions Diagram]

Unit: mm(inch)