



**How to download ISAPI documents on TPP**

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Step 1: Please register on the <https://tpp.hikvision.com/>

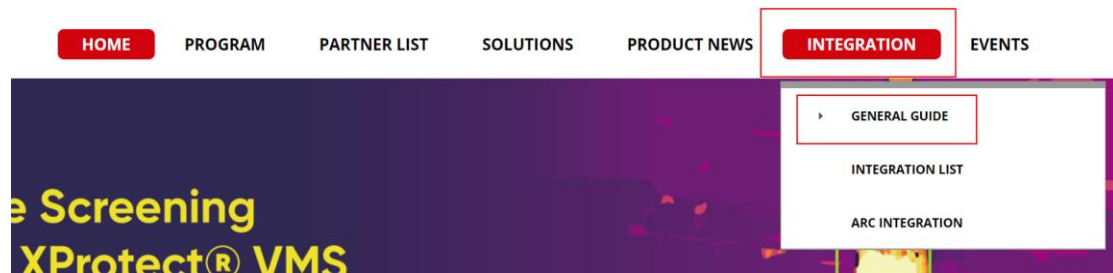
If you do not know how to do that, please follow the PDF document “Quick Guide for Online Signing Process.pdf”.

(Please note, when you complete the registration on TPP, that does not mean you finish the whole process; we will evaluate the application, and you will receive a notification email after we approved your request.)

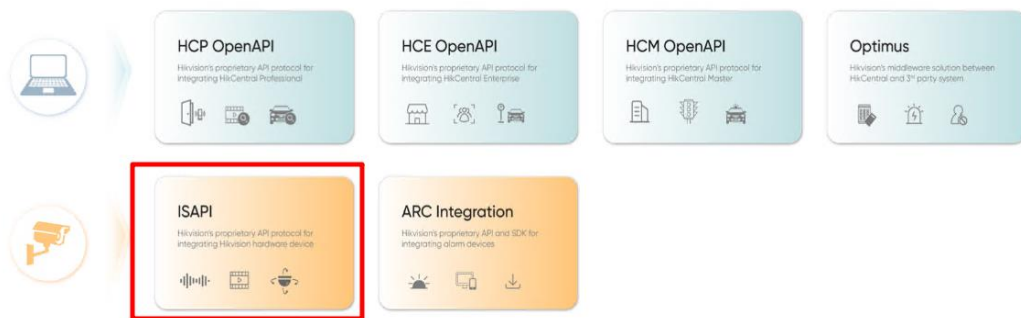
Step 2: Sign the MLA online. For how to sign the MLA, please check the PDF document “Quick Guide for Online Signing Process.pdf” as well.

Step 3: Check ISAPI documents online and download the files

Once you sign the MLA, you can view and download the ISAPI documents. Please click the **Integration** tab- **General Guide**













Select ISAPI



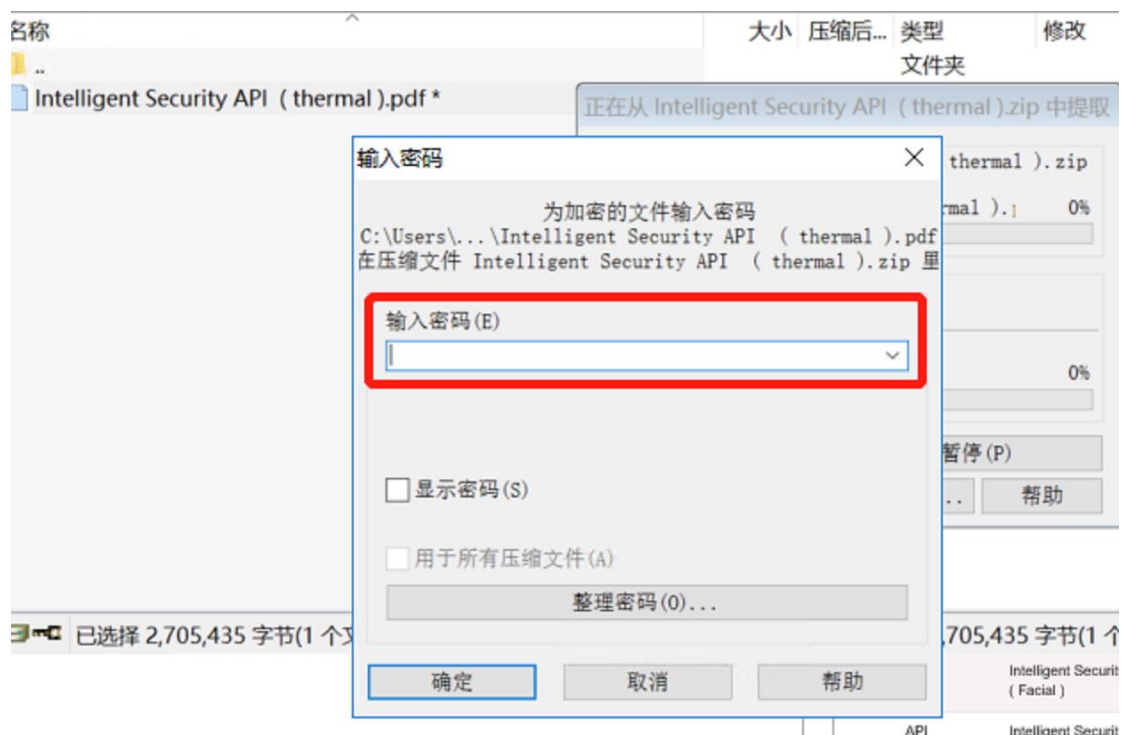
Then you are able to view and download the materials

# Intelligent Security API Developer Guide

 General Application
 Facial Application
 Face Recognition Server
 Intelligent Fusion Server
 Behavior Analysis Server
 People Counting
 Queue Management
 Behavior Analysis
 Multi-Target-Type Detection
 Heat Map

If you don't know which document is applicable to your device, please check Appendix A.

When you download an ISAPI document, you are asked to type the password to unzip the document. Please check your email box. We send the password to you separately via email.



**Appendix A:**

Scope	Document
Every product which supports ISAPI	General
Face applications developed by ISAPI protocol includes the functions of face capture, face picture comparison, face picture library management, and so on.	Facial Application
Face Recognition Server (DS-IE6308-E/FA, DS-IE6332-E/FA)	Face Recognition Server
The Full Analysis Server is used to analyze the faces, human bodies, and vehicles in the pictures or videos and extract the structured features, which usually applies to the scenes of entrance and exit, checkpoint, security monitoring, and so on	Full Analysis Server
This manual introduces the integration processes of face picture library management, face picture search and comparison, picture and video structured analysis, human body search, vehicle search, and so on	Intelligent Fusion Server
Behavior Analysis Server (IE10XX-03U)	Behavior Analysis Server
The people counting function developed via plugins provides the statistics of line crossing persons or objects in a specified time period (6810, 6825)	People Counting
Queue management is applicable to analyze the queuing status of public places (e.g., market, ticket office), it provides the functions of people queuing-up detection and waiting time detection	Queue Management
Behavior analysis functions identify the objects and confirm if the objects behavior is qualified based on the rules. It can trigger alarm and provide useful information in the quickest and best way once detecting unqualified objects	Behavior Analysis

For some monitoring scenes (e.g., road, lane) mixing with human and vehicle, the multi-target-type detection can detect the human body, face, and vehicle at same time by a camera instead of installing multiple cameras to detect different target types	Multi-Target-Type Detection
Heat map is a graphical representation of data represented by colors or other markers, and it is usually used to analyze the visit times and dwell time of customers in a rule configured area	Heat Map
Thermal application developed by ISAPI protocol contains temperature screening and temperature measurement, which is mainly for thermal products (2TDXXX)	Thermal
Access Control	Person Based Access Control
AX Series Security Control Panel (PWAXX) Hybrid Security Control Panel (PHAXX) Wired Keypad (PKG) RS-485 Wireless Receiver (PM-RSWR)	Security Control
To analyze the captured traffic capture and recognize the vehicle license plate, and supports importing the list for comparison to trigger vehicle matched (blacklist) or mismatched (whitelist) alarms (4A26/P, 7A26/P)	ANPR
Traffic Camera (TCV, TCE, TCM) Capture Camera (TCG) Portable Speed Dome (MH6171) Portable Box Camera (MCD, MCB) Portable Speed Detector (TDI) Terminal Server (TP, TSS, TSV, TSI) Desktop Body Camera Dock Station (MH4172) Wall-Mounted Dock Station (MDS)	Traffic
Provide a master-slave tracking solution for detecting traffic incidents or violations, capturing pictures, and collecting traffic data in traffic scenes (e.g., road, airport, station, wharf, scenic spot, street, community periphery, etc.) or parking lots to achieve unattended operation	Traffic Enforcement
Metadata is the data that describes other data. In the video monitoring filed, metadata usually contains intelligent structured information (e.g., real-time temperature measurement, fire source detection, ship detection, behavior analysis, ANPR, queue management, and face capture)	Metadata

which can help users to understand the videos	
This document provides multiple integration applications of display and control devices based on ISAPI, such as LED screen, video wall controller, decoder, remote control, and so on	Display and Control
The video intercom is a stand-alone intercom system used to manage calls made at the entrance to a building (e.g., residential complex, detached family home, workplace, etc.) with access controlled by audiovisual communication between the inside and outside	Video Intercom
A security radar consists of radar detector and security control panel, which helps enlarge the detection range and improve the detection effects at night, in foggy day, and even in rainy day, and it also provides management for the radar detection alarms or events	Security Radar
When the device detects the armed face or human body in the monitoring scene, alarm is triggered, device tracks and captures the target. During the tracking, the target location and other related information are uploaded	Person Arming
Provides description and solution for the third-party platform to connect to and communicate with Hikvision devices based on ISAPI (Intelligent Security API) integration via EZVIZ Open Platform	ISAPI Integration via EZVIZ Open Platform
The parameter interaction and stream transmission control between third-party platform and Hikvision devices are implemented by RTSP APIs and messages	RTSP Integration