Background Introduction

HIKVISION released a new firmware v5.5.0 for all the IP cameras in Sep, 2017. If you upgrade your camera with this firmware or higher version, the ONVIF function would be DISABLED as default. If you has enabled this function before, it would be turned into DISABLED as well after the upgrade.
This is a guide to instruct you how to enable ONVIF protocol in your camera (one device at a time) as well as in batch configuration tool (many devices at a time).

Influenced Devices

All HIKVISION IP cameras with firmware version v5.5.0 or higher.

Discretion

User interface may not be identical to the instructions shown below depending on the product and firmware version. However, the information and settings required to enable ONVIF function is similar across all supporting products.
How to enable ONVIF in IPC

Configuration Steps

(1) Go to device login interface by inputting device IP in web browser from PC;

(2) Input device administrator login name and password to login;

(3) Go to Configuration->Network->Advanced Settings->Integration Protocol;

(4) Click Enable ONVIF checkbox to enable this function;

(5) Click Add to add new users (up to 32 per device), which Media user, Operator user and Administrator user is selectable.
Note:

1. ONVIF user management system is independent from device management system;
2. The user list displays authorized users and access levels:
   
   **Media**: have access to get the real-time streaming, get a list of device supported functions, and read configurations (Profiles, DNS, network interfaces, endpoint reference, recordings, serial port and etc.) of device.

   **Operators**: have access to all settings except:
   - Causing changes to the system configuration, such as setting network default gateway;
   - Causing unrecoverable changes to the system, such as setting system factory default and upgrading system;
   - Reading confidential system configuration information, such as getting system log;

   **Administrators**: have unrestricted access to all settings.

How to enable ONVIF in Batch Configuration Tool 2.0.0.6

**Configuration Steps**

2. Install & open BatchConfigTool in your PC;
3. Select the online devices-> click **Add**-> login with **admin account**;
(4) Select the added device->click More->ONVIF Configuration;

(5) Click Enable ONVIF checkbox to enable this function;

(6) Click Add to add new users.
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