



AplusView IP camera supporting policy

Instead of time-consuming camera SDK integration, AplusView provides easier and more efficient way to help partner to integrate a system among different camera brands.

ONVIF, an open platform contains below facts:

- Standardization of communication between IP-based physical security
- Interoperability between IP-based physical security products regardless of manufacturer
- Open to all companies and organizations

Its specification defines a common protocol for the exchange of information between network video devices including automatic device discovery, video streaming and intelligence metadata.

Base on above facts, ONVIF become the most popular common protocol among IP surveillance devices. In order to reduce the time of individual integration of each camera manufacturers, AplusView adopts the fastest and most efficient platform of ONVIF for supporting different camera brands, since most of IP camera manufacturers also adopt this common protocol for their users to work with different brands of NVR. Therefore, as long as the IP camera fully complies to ONVIF protocol, it is able to work with AplusView VMS and other third party software and system.

However, most of IP camera manufacturers only implement part of ONVIF functions. Users' are frequently frustrated by the fact that expected functions, such as motion detection event, digital input event, relay output control, and PTZ functions, are often not supported.

In order to supports more and more IP cameras, we not only completely improve our VMS of advanced ONVIF function, but we are willing to help our respectful partners to be free to work with different camera brands by providing the free service of independent ONVIF verification of their indicated camera brand. And a useful embedded tool for instant generation of ONVIF verification report for our technical profession to read and verify.



Therefore, AplusView is able to provide such verification and report to the IP camera manufacturer's R&D team to enhance and complete the ONVIF compliance. With such mutual benefit free service, not only save system integrator's time on waiting camera integration, but also help to improve IP camera manufacturer's ONVIF compliance.

The following criteria are necessary for AplusView assisting IP camera manufacturer improving ONVIF compliance in order to work with AplusView VMS :

1. Since the ONVIF technical communication can be urgent and critical, we would require the IP camera manufacturer technical dept. representative who is able to respond and resolve ONVIF technical issues.
2. The IP camera has at least one of the following ONVIF advanced functions and already tested :
 - (1) Motion alarm
 - (2) PTZ
 - (3) Digital input events
 - (4) Relay output events and control
3. A testing camera, the shipping cost of come and forth will be paid by provider.
4. The schedule depends on the IP camera manufacturer's improvement of ONVIF compliance, not Aplusview.