



Hik IP Receiver Pro

Release Notes

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Chapter 1 What's New in V2.4.0

Configuration

On the **Hik-Partner Pro** → **Parameters** page, supports prioritizing the direct or cloud link based on network conditions and business requirements.

Direct Link (Default)

When enabled, the IPRP prioritizes transmitting alarms via ISUP5.0 or OTAP (direct link) to minimize latency. If exceptions occur, it automatically fails over to HPP. The system reverts to the direct link once restored.

Cloud Link

When enabled, the IPRP prioritizes HPP (cloud link) for alarm transmission. If exceptions occur, it automatically fails over to ISUP5.0 or OTAP. The system reverts to the cloud link once restored.

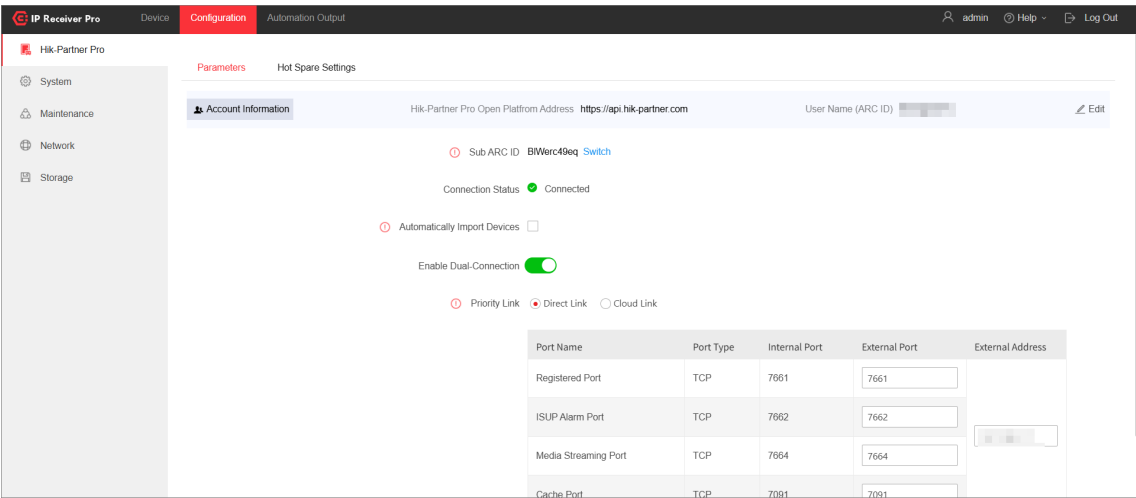


Figure 1-1 Link Priority

Automation Output

On the Protocol Configuration page, adds a protocol type SoftGuard for transmitting events to your CMS software. The transmission includes:

- Alarm and event transmission
- Transmission of the coordinates of the panic button pressed in an AX PRO security control panel:

```
"GPSData": {
  "Latitude": "",
  "Longitude": ""
}
```

- Transmission of auto-downloaded dual-stream videos triggered by the 180° PIR Camera Detector (Dual-Lens) (binary data converted from Base64) for verification:

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```
"MultiMedia": {  
  "FileType": "",  
  "BinaryData": ""  
}
```

The message template is as follows.

```
{  
  "Event": {  
    "Sequence": "",  
    "Account": "",  
    "DateTime": "",  
    "Code": "",  
    "Zone": "",  
    "User": "",  
    "UserExt": "",  
    "GPSData": {  
      "Latitude": "",  
      "Longitude": ""  
    },  
  },  
  "MultiMedia": {  
    "FileType": "",  
    "BinaryData": ""  
  }  
}  
}  
0x03
```

The screenshot shows the 'Automation Output' tab in the Hik IP Receiver Pro software. The 'Protocol Configuration' section is active, showing settings for the 'SoftGuard' protocol. The 'Enable' checkbox is checked. The 'Protocol Type' is set to 'SoftGuard'. The 'IP Address' and 'Port' fields are empty. The 'Spare ARC' checkbox is checked, with 'Spare ARC IP Address' set to '0.0.0.0' and 'Spare ARC Port' set to '0'. The 'Enable Device Heartbeat' checkbox is unchecked, and the 'Device Heartbeat Interval' is set to '30' seconds. The 'Connection Status' is 'Not Connected'. A 'Save' button is at the bottom right.

Field	Value
Enable	<input checked="" type="checkbox"/>
* Protocol Type	SoftGuard
* IP Address	
* Port	
Spare ARC	<input checked="" type="checkbox"/>
Spare ARC IP Address	0.0.0.0
Spare ARC Port	0
Enable Device Heartbeat	<input type="checkbox"/>
* Device Heartbeat Interval	30 s
Connection Status	Not Connected

Figure 1-2 SoftGuard

System

Now compatible with Microsoft Windows 11.

Appendix A. Legal Information

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