

# IPC Firmware Release Notes

**Firmware version:**

DH\_IPC-HX5X3X-Rhea\_Eng\_P\_Stream3\_V2.622.0000000.18.R.20171110

**Applicable models:**

Product Category	Resolution	Model Name
ePoE Box	2MP	DH-IPC-HF5231E-E
	4MP	DH-IPC-HF5431E-E
ePoE IR Bullet	2MP	DH-IPC-HFW5231E-ZE/Z5E/Z12E
	4MP	DH-IPC-HFW5431E-ZE/Z5E
	6MP	DH-IPC-HFW5631E-ZE/Z5E
	8MP	DH-IPC-HFW5831E-ZE/Z5E
ePoE IR Dome	2MP	DH-IPC-HDBW5231E-ZE/Z5E
	4MP	DH-IPC-HDBW5431E-ZE/Z5E
	6MP	DH-IPC-HDBW5631E-ZE/Z5E
	8MP	DH-IPC-HDBW5831E-ZE/Z5E
ePoE IR Dome	2MP	DH-IPC-HDBW5231R-ZE
	4MP	DH-IPC-HDBW5431R-ZE
	6MP	DH-IPC-HDBW5631R-ZE
	8MP	DH-IPC-HDBW5831R-ZE
ePoE IR Eyeball	2MP	DH-IPC-HDW5231R-ZE
	4MP	DH-IPC-HDW5431R-ZE
	6MP	DH-IPC-HDW5631R-ZE
	8MP	DH-IPC-HDW5831R-ZE
ePoE IR Mini Bullet	2MP	DH-IPC-HFW4231E-SE
	4MP	DH-IPC-HFW4431E-SE
	6MP	DH-IPC-HFW4631E-SE
	8MP	DH-IPC-HFW4831E-SE
ePoE IR Mini Bullet	2MP	DH-IPC-HFW4231T-ASE
	4MP	DH-IPC-HFW4431T-ASE
	6MP	DH-IPC-HFW4631T-ASE
	8MP	DH-IPC-HFW4831T-ASE
ePoE IR Mini Dome	2MP	DH-IPC-HDBW4231E-ASE
	4MP	DH-IPC-HDBW4431E-ASE
	6MP	DH-IPC-HDBW4631E-ASE
	8MP	DH-IPC-HDBW4831E-ASE

ePoE IR Eyeball	2MP	DH-IPC-HDW4231EM-ASE
	4MP	DH-IPC-HDW4431EM-ASE
	6MP	DH-IPC-HDW4631EM-ASE
	8MP	DH-IPC-HDW4831EM-ASE
Box	2MP	DH-IPC-HF5231E
	4MP	DH-IPC-HF5431E
IR Bullet	2MP	DH-IPC-HFW5231E-Z/Z5/Z12
	4MP	DH-IPC-HFW5431E-Z/Z5
	8MP	DH-IPC-HFW5830E-Z/Z5
IR Dome	2MP	DH-IPC-HDBW5231E-Z/Z5
	4MP	DH-IPC-HDBW5431E-Z/Z5
	8MP	DH-IPC-HDBW5830E-Z/Z5
IR Dome	2MP	DH-IPC-HDBW5231R-ZE
	4MP	DH-IPC-HDBW5431R-ZE
	8MP	DH-IPC-HDBW5830R-ZE
IR Eyeball	2MP	DH-IPC-HDW5231R-ZE
	4MP	DH-IPC-HDW5431R-ZE
	8MP	DH-IPC-HDW5830R-ZE
IR Mini Bullet	2MP	DH-IPC-HFW4231E-S
	4MP	DH-IPC-HFW4431E-S
	8MP	DH-IPC-HFW4830E-S
IR Mini Bullet	2MP	DH-IPC-HFW4231S
	4MP	DH-IPC-HFW4431S
LXIR Bullet	2MP	DH-IPC-HFW4231B-AS
	4MP	DH-IPC-HFW4431B-AS
LXIR Bullet	2MP	DH-IPC-HFW4231D-AS
	4MP	DH-IPC-HFW4431D-AS
IR Mini Dome	2MP	DH-IPC-HDBW4231E-AS
	4MP	DH-IPC-HDBW4431E-AS
	8MP	DH-IPC-HDBW4830E-AS
IR Mini Dome	2MP	DH-IPC-HDBW4231F-AS
	4MP	DH-IPC-HDBW4431F-AS
Mini Dome	2MP	DH-IPC-HDB4231C-AS
	4MP	DH-IPC-HDB4431C-AS
Recessed Mount Dome	2MP	DH-IPC-HDB4231G-AS
	4MP	DH-IPC-HDB4431G-AS
IR Eyeball	2MP	DH-IPC-HDW4231EM-AS
	4MP	DH-IPC-HDW4431EM-AS
	8MP	DH-IPC-HDW4830EM-AS
IR Eyeball	2MP	DH-IPC-HDW4231M
	4MP	DH-IPC-HDW4431M

**New features:**

1. Support Cloud upgrade
2. Support device initialization

**Optimizations & bug fixes:**

1. Fix NVR substream decoding problem

**Browser & player version:**

1. VLC: 2.1.5
2. QuickTime: 7.7.5
3. IE: Win8.1+IE11/Win7+IE8/Win7+IE9
4. Google Chrome: 40
5. Firefox Firefox: 49
6. Mac Safari: 8.0.3

**Integration protocol version:**

1. ONVIF: 2.4.2(ProfileS & ProfileG), ONVIF Test Tool V1601
2. CGI: 1.67
3. Easy4ip: 2.01