TECHNICAL BULLETIN

HIKVISION®

Title:	DS-72xxHGHI-SH vs. DS-73xxHQHI-SH vs. DS-90xxHQHI-SH	Version:	2.0	Date:	06/22/2015
Product:	DS-72xxHGHI-SH & DS-73xxHQHI-SH & DS-90xxHQHI-SH				
Action Required:	None, Information Only				

The table below is the feature comparison between DS-72xxHGHI-SH, DS-73xxHQHI-SH and DS-90xxHQHI-SH. They all use the same firmware version: v3.1.6 Build 150601.

Feature/Series	72xxHGHI	73xxHQHI	7332HGHI	90xxHQHI
Channels	4/8/16	8/16	32	8/16
Auto Detect CVBS or Turbo Signal	√	√	√	√
Support 720p Turbo	√ 30 fps	√ 30 fps	√ 30 fps	√ 30 fps
Support 1080p Turbo	√ 12 fps	√ 30 fps	√ 12 fps	√ 30 fps
Analog Resolution to 960H (WD1)	√	√	√	√
Disable Turbo Channel/Add IPC	-	√	√	√
IP Camera Support	4-ch: 1 up to 1080p 8/16-ch: 2 up to 1080p	2-ch up to 1080p (Up to 10/18-ch)[1]	8-ch up to 1080p (Up to 32-ch)[1]	8-ch: 8 up to 5 MP (Up to 16-ch)[1] 16-ch: 16 up to 5 MP (Up to 32-ch)[1]
Incoming/Outgoing Bandwidth	4-ch: 60 Mbps 8-ch: 96 Mbps 16-ch: 128 Mbps	200 Mbps	200 Mbps	8-ch: 160 Mbps 16-ch: 260 Mbps
SATA Drives/Max Storage	4-ch: 1 bay up to 4 TB 8/16-ch: 2 bays up to 8 TB total	4 bays up to 16 TB total	4 bays up to 16 TB total	8 bays up to 48 TB total
Front Panel Control	-	√	√	√
OSD Menu – Up-the-Coax	√	√	√	√
Spot Monitor Output (BNC)	-	√	√	√
VGA/HDMI	Sync output	Separate output	Sync output	Separate output
Alarm I/O	4-ch: 4 in/1 out 8-ch: 8 in/4 out 16-ch: 16 in/4 out	16 in/4 out	16 in/4 out	16 in/4 out
Audio I/O	1 in/1 out	4 in/2 out	4 in/2 out	8-ch: 8 in/2 out 16-ch: 16 in/2 out
USB 2.0	2	3	3	3
eSATA Interface	-	√	√	√
VCA (Line crossing, intrusion detection)[2]	Up to 1 channel support	Up to 2 channel support	Up to 1 channel support	Up to 2 channel support
Smart play[2]	√	√	√	√

Note 1: If disable turbo channels.
Note 2: Only for turbo channels, not functional for IP cameras.