

Title:	Old and New 7600 Series NVR Compare List	Version:	2.0	Date:	06/20/2015
Product:	DS-76xxNI-SE/P and DS-76xxNI-E1/E2				
Action Required:	None, Information Only				

DS-7600xxNI-SE/P and DS-76xxNI-E1/E2 are using different chipset and embeded PoE switch. The table below shows the major differences.

Function/Model	DS-7604NI-SE/P	DS-7608NI-SE/8P	DS-7604NI-E1/4P	DS-7608NI-E2/8P	DS-7616NI-E2/16P
IP video input	4ch	8-ch	4-ch	8-ch	16-ch
Incoming Bandwidth	20Mbps	40Mbps	40Mbps	80Mbps	160Mbps
Outgoing Bandwidth	40Mbps	40Mbps	80Mbps	80Mbps	80Mbps
Decoding capability	4-ch@720P, 2-ch@1080P,	4-ch@720P, 2-ch@1080P	4-ch@1080P	8-ch@720P, 6-ch@1080P	12-ch@720P, 6-ch@1080P
Storage	2 SATA for 2 HDD	2 SATA for 2 HDD	1 SATA for 1 HDD	2 SATA for 2 HDD	2 SATA for 2 HDD
USB Interface	2*USB 2.0	2*USB 2.0	1*USB 2.0 1*USB 3.0	1*USB 2.0 1*USB 3.0	1*USB 2.0 1*USB 3.0
PoE Interface	4 independent 10/100 Mbps PoE Ethernet	8 independent 10/100 Mbps PoE Ethernet	4 independent 10/100/1000 Mbps PoE Ethernet	8 independent 10/100/1000 Mbps PoE Ethernet	16 independent 10/100/1000 Mbps PoE Ethernet
PoE Standard¹	AF	AF	AF and AT	AF and AT	AF and AT
PoE Management²	No	No	Yes	Yes	Yes
PoE Max. Power	52w	120w	50w	120w	200w
Power Supply	100~240VAC	100~240VAC	48VDC	100~240VAC	100~240VAC
VCA Support³	No	No	Yes	Yes	Yes
Alarm (Input/Output)	4 / 1	4 / 1	None	4 / 1	4 / 1

Note1: H-PoE refers to High PoE standard, AT refers to 802.3at standard, and AF refers to 802.3af standard.

Note2: DS-76xxNI-E1/E2 is able to do auto PoE adjustment.

Note3: Need to set VCA (line crossing, intrusion detection, etc.) on camera itself. Only be able to enable VCAalarm on NVR.