



# TruVision® NVR comparison table



## H.264/H.265 NVR comparison





		NVR 11c	NVR 11	NVR 11cS	NVR 11S
<b>Channels, bandwidth &amp; resolution</b>	Max. IP channels	4	8/16	4	8/16
	Total bandwidth available inward (Mbps)	40	80/160	40	80/160
	Real-time recording	Full HD	Full HD	Full HD	Full HD
	Max. supported resolution	8 Mpx (4K)	8 Mpx (4K)	8 Mpx (4K)	8 Mpx (4K)
	HD recording per channel	25/30 fps	25/30 fps	25/30 fps	25/30 fps
<b>PoE</b>	PoE ports	—	—	4	8/16
	Total PoE budget	—	—	50W	120/200W
	Maximum budget for 1 port	—	—	30W	30W
	PoE-af	—	—	•	•
	PoE-at	—	—	•	•
<b>Network &amp; streaming</b>	Plug-and-play IP configuration	—	—	•	•
	ONVIF support	•	•	•	•
	PSIA support	—	—	—	—
	Gigabit ethernet (RJ45/SFP) ports	1/0	1/0	1/0	1/0
	ezDDNS	•	•	•	•
	Maximum outgoing streams	live: 128 / playback: 8	live: 128 / playback: 8	live: 128 / playback: 8	live: 128 / playback: 8
Maximum outgoing bandwidth (Mbps)	80	80	80	80	
<b>Storage</b>	Max storage (TB)	2	4/6	2	4/6
	Front side accessible HDDs	—	—	—	—
	Expandable internal storage	—	—	—	—
	Dual stream recording	—	—	—	—
	Hot spare backup/recovery	—	—	—	—
	HDD redundancy	—	—	—	—
	RAID support (requires RAID HDDs)	—	—	—	—
	NAS and eSATA support	NAS only	NAS only	NAS only	NAS only
<b>Local viewing &amp; controls</b>	Front panel controls	•	•	•	•
	HDMI	•	•	•	•
	VGA	•	•	•	•
	BNC output	—	—	—	—
	Keypad support	TVK-800	TVK-800	TVK-800	TVK-800
	USB slots	2	2	2	2
<b>General features</b>	Text insertion	—	—	—	—
	CD/DVD burner	via USB	via USB	via USB	via USB
	Reverse playback	•	•	•	•
	Alarm I/O	4 in / 1 out	4 in / 1 out	4 in / 1 out	4 in / 1 out
	Rack mountable	—	•	—	•
<b>Software support</b>	TruVision Navigator	•	•	•	•
	TVRmobile	•	•	•	•
	OnGuard®	Pending	Pending	Pending	Pending
	TruPortal™	V.1.72.100	V.1.72.100	V.1.72.100	V.1.72.100
	Advisor Manager	Pending	Pending	Pending	Pending



# TruVision® NVR comparison table



## H.264/H.265 NVR comparison

		NVR 22	NVR 22S	NVR 22Plus	NVR 71
					
Channels, bandwidth & resolution	Max. IP channels	8/16/32	8/16	16/32/64	128
	Total bandwidth available inward (Mbps)	80/160	80/160	256/320/320	576
	Average bandwidth per channel (Mbps) inward	5	5	5	4
	Real-time recording	Full HD	Full HD	Full HD	Full HD
	Max. supported resolution	8 Mpx (4K)	8 Mpx (4K)	8 Mpx (4K)	8 Mpx (4K)
	HD recording per channel	25/30 fps	25/30 fps	25/30 fps	25/30 fps
PoE	PoE ports	—	8/16	—	—
	Total PoE budget	—	120/200W	—	—
	Maximum budget for 1 port	—	Auto-PoE	—	—
	Average budget per port	—	30W	—	—
	PoE-af	—	•	—	—
	PoE-at	—	•	—	—
Network & streaming	Plug-and-play IP configuration	—	•	—	—
	ONVIF support	•	•	•	•
	PSIA support	•	•	•	—
	Gigabit ethernet (RJ45/SFP) ports	2/0	1/0	2/0	4/4
	Redundant NIC ports	•	—	•	•
	Load balancing	•	—	•	•
	ezDDNS	•	•	•	•
	Maximum outgoing streams	128	128	128	256
	Maximum outgoing bandwidth (Mbps)	256/256/256 Mbps	256/256 Mbps	256/256/256 Mbps	512Mbps
Storage	Max storage (TB)	24	24	16 ch.: 48 32/64 ch.: 64	96 (RAID and Non-RAID)
	Front side accessible HDDs	•	•	•	•
	Expandable internal storage	•	•	•	•
	Dual stream recording	•	•	•	•
	Hot spare backup/recovery	•	•	•	•
	HDD redundancy	•	•	•	•
	RAID support (requires RAID HDDs)	—	—	0/1/5/6/10	0/1/5/6/10
	NAS and eSATA support	•	•	•	•
Local viewing & controls	Front panel controls	•	•	•	—
	HDMI	1	1	2	—
	VGA	1	1	2	—
	BNC output	•	•	•	—
	Keypad support	TVK-800	TVK-800	TVK-800	—
	USB slots	3	3	3	4
General features	Text insertion	•	•	•	—
	CD/DVD burner	via USB	via USB	via USB	via USB
	Reverse playback	•	•	•	•
	Alarm I/O	16/4	16/4	16/4	16/8
	Rack mountable	•	•	•	•
	Redundant Power Supplies	—	—	—	•
Software support	TruVision Navigator	•	•	•	•
	TVRmobile	•	•	•	•
	OnGuard®	As of 7.2 w / recorder pack 1.0.2	As of 7.2 w / recorder pack 1.0.2	As of 7.2 w / recorder pack 1.0.2	As of 7.4 w / recorder pack 1.0.4
	TruPortal™	V.1.72.100	V.1.72.100	V.1.72.100	V.1.72.100
	Advisor Manager	As of v. 2016	As of v. 2016	As of v. 2016	As of v. 2017