

H.264/H.265 NVR Comparison



	NVR 11C	NVR 11	NVR 22	NVR 22S	NVR 22Plus	NVR 71	
Channels, Bandwidth & Resolution	Max. IP channels	4	8/16	8/16	8/16	16/32	128
	Total bandwidth available incoming	40	80/160	80/160	80/160	256/320	576
	Average bandwidth per channel (Mbps) incoming	5	5	5	5	5	4
	Bandwidth allocation	Fully flexible	Fully flexible	Fully flexible	Fully flexible	Fully flexible	Fully flexible
	Real-time recording	Full HD	Full HD	Full HD	Full HD	Full HD	Full HD
	HD recording per channel	25/30 fps	25/30 fps	25/30 fps	25/30 fps	25/30 fps	25/30 fps
PoE	PoE ports	4	8/16	—	8/16	—	—
	Total PoE budget	50W	120W/200W	—	120W/200W	—	—
	Average power budget for 1 port	12.5W	15W	—	Auto-PoE	—	—
	Maximum power budget for 1 port	30W	30W	—	30W	—	—
	PoE-af	•	•	—	•	—	—
	PoE-at	•	•	—	•	—	—
Network & Streaming	Plug-and-play IP configuration	•	•	—	•	—	—
	ONVIF support	•	•	•	•	•	•
	PSIA support	—	—	•	•	•	•
	Gigabit ethernet (RJ45/SFP) ports	1/0	1/0	2/0	1/0	2/0	4/4
	Redundant NIC ports	—	—	•	—	•	•
	Load balancing	—	—	•	—	•	•
	ezDDNS	•	•	•	•	•	•
	Maximum outgoing streams	live: 128 streams; playback: 8 streams	live: 128 streams; playback: 8 streams	128	128	128	256
	Maximum outgoing bandwidth	80 Mbps	80/80 Mbps	256/256 Mbps	256/256 Mbps	256/256 Mbps	512 Mbps
Storage	Max storage (TB)	2	4/6	24	24	48	96 (RAID and Non-RAID)
	Front side accessible HDDs	—	—	•	•	•	•
	Expandable internal storage	—	—	•	•	•	•
	Dual stream recording	—	—	As of FW 2.0	As of FW 2.0	As of FW 2.0	•
	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	2	2	3	3	3	4
	General Features	Text insertion	—	—	—	—	—
CD/DVD burner		via USB	via USB	via USB	via USB	via USB	via USB
Reverse playback		•	•	•	•	•	•
Alarm I/O		4/1	4/1	16/4	16/4	16/4	16/8
Rack mountable		—	•	•	•	•	•
Redundant Power Supplies		—	—	—	—	—	•
Software Support	TruVision Navigator	•	•	•	•	•	•
	TVRmobile	•	•	•	•	•	•
	OnGuard®	Pending	Pending	7.2 w/recorder pack 1.0.2 and above	7.2 w/recorder pack 1.0.2 and above	7.2 w/recorder pack 1.0.2 and above	7.4 w/recorder pack 1.0.4 and above
	TruPortal™	Pending	Pending	—	—	—	Pending

H.264 NVR Comparison

		NVR 10C	NVR 10	NVR 21	NVR 21S	NVR 21Plus	NVR 70
Channels, Bandwidth & Resolution	Max. IP channels	4	8/16	8/16	8/16	8/16/32	128
	Total bandwidth available inward	20	40/80	80/160	80/160	80/160/200	400
	Average bandwidth per channel (Mbps) inward	5	5	5	5	5	5
	Bandwidth allocation	Fully flexible	Fully flexible	Fully flexible	Fully flexible	Fully flexible	Fully flexible
	Real-time recording	Full HD	Full HD	Full HD	Full HD	Full HD	Full HD
	HD recording per channel	25/30 fps	25/30 fps	25/30 fps	25/30 fps	25/30 fps	25/30 fps
PoE	PoE ports	4	8/8	—	8/16	—	—
	Total PoE budget	50W	120W	—	120/200W	—	—
	Average budget per port	12.5W	15W	—	Auto-PoE	—	—
	Maximum budget for 1 port	30W	30W	—	30W	—	—
	PoE-af	•	•	—	•	—	—
	PoE-at	•	•	—	•	—	—
Network & Streaming	Plug-and-play IP configuration	•	•	—	•	—	—
	ONVIF support	•	•	•	•	•	•
	PSIA support	•	•	•	•	•	•
	Gigabit ethernet (RJ45/SFP) ports	1/0	1/0	2/0	1/0	2/0	2/2
	Redundant NIC ports	—	—	•	—	•	•
	Load balancing	—	—	•	—	•	•
	ezDDNS	•	•	•	•	•	•
	Maximum outgoing streams	128	128	128	128	128	256
	Maximum outgoing bandwidth	40 Mbps	80/80 Mbps	160/160 Mbps	160/160 Mbps	160/160/160 Mbps	300-500 Mbps
Storage	Max storage (TB)	2	4/6	8	8/16	32	96 non-RAID 64 Raid
	Front side accessible HDDs	—	—	•	•	•	•
	Expandable internal storage	—	—	•	•	•	•
	Dual stream recording	—	—	•	•	•	•
	Hot spare backup/recovery	—	—	•	•	•	•
	HDD redundancy	—	—	•	•	•	•
	RAID support (requires RAID HDDs)	—	—	0/1/5/10	0/1/5/10	0/1/5/10	0/1/5/10
NAS and eSATA support	—	—	•	•	•	•	
Local Viewing & Controls	Front panel controls	•	•	•	•	•	—
	HDMI	•	•	•	•	•	—
	VGA	•	•	•	•	•	—
	BNC output	—	—	•	•	•	—
	Keypad support	TVK-800	TVK-800	TVK-800	TVK-800	TVK-800	TVK-800
	USB slots	2	2	3	3	3	3
General Features	Text insertion	—	—	•	•	•	•
	CD/DVD burner	via USB	via USB	via USB	via USB	via USB	—
	Reverse playback	•	•	•	•	•	•
	Alarm I/O	4/1	4/1	16/4	16/4	16/4	16/8
	Rack mountable	—	•	•	•	•	•
	Redundant Power Supplies	—	—	—	—	—	•
Software Support	TruVision Navigator	•	•	•	•	•	•
	TVRmobile	•	•	•	•	•	•
	OnGuard®	7.1 and above	7.1 and above	7.0 and above	7.0 and above	7.0 and above	7.2 w/recorder pack 1.0.2 and above
	TruPortal™	•	•	•	•	•	Pending