



Total HD Surveillance From Scene to Screen

▶ HD Fixed Camera	NBC-265-P	NDC-265-P	NBN-921	NDN-921	NBN-832
Image Sensor Type	1/4" Progressive Scan CMOS	1/4" Progressive Scan CMOS	1/3" Progressive Scan CCD	1/3" Progressive Scan CCD	1/2.7" Progressive Scan CMOS
Day/Night	Color	Color	Day/Night	Day/Night	Day/Night
Intelligent Video Analysis	No	No	Yes	Yes	Yes
Lens	2.8 - 8mm	2.7 to 9mm	C/CS	2.8 to 10mm 9 to 22mm	C/CS
Compression	H.264/MJPEG	H.264/MJPEG	H.264/MJPEG	H.264/MJPEG	H.264/MJPEG
No. of Stream	2 x H.264 1 x MJPEG	2 x H.264 1 x MJPEG	2 x H.264 1 x I-Frame H.264 1 x MJPEG	2 x H.264 1 x I-Frame H.264 1 x MJPEG	2 x H.264 1 x I-Frame H.264 1 x MJPEG
HD max. IPS	720p@30ips	720p@30ips	720p@30ips	720p@30ips	1080p@30ips 720p@30ips
Resolutions	720p, 420p, VGA, 240p, QVGA	720p, 420p, VGA, 240p, QVGA	720p, 420p, 240p	720p, 420p, 240p	1080p, 720p, 420p, 240p

▶ HD Fixed Camera	NDN-832	VJR-F801	▶ HD PTZ Camera	VG5-825	VJR-811
Image Sensor Type	1/2.7" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS	Image Sensor Type	1/3" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS
Day/Night	Day/Night	Day/Night	Day/Night	Day/Night	Day/Night
Intelligent Video Analysis	Yes	Yes	Intelligent Video Analysis	Yes	Yes
Lens	1.8 to 3m 3.8 to 13mm 9 to 40mm	10x Optical zoom and 16x Digital zoom 6.3 to 63mm	Lens	20x Optical and 10x Digital zoom 4.7 to 94mm	10x Optical zoom and 16x Digital zoom 6.3 to 63mm
Compression	H.264/MJPEG	H.264/MJPEG	Compression	H.264/MJPEG	H.264/MJPEG
No. of Stream	2 x H.264 1 x I-Frame H.264 1 x MJPEG	2 x H.264 1 x I-Frame H.264 1 x MJPEG	No. of Stream	2 x H.264 1 x I-Frame H.264 1 x MJPEG	2 x H.264 1 x I-Frame H.264 1 x MJPEG
HD max. IPS	1080p@30ips 720p@30ips	1080p@30ips 720p@60ips 720p@30ips	HD max. IPS	1080p@30ips 720p@60ips 720p@30ips	1080p@30ips 720p@60ips 720p@30ips
Resolutions	1080p, 720p, 420p, 240p	1080p, 720p, 420p, 240p	Resolutions	1080p, 720p, 420p, 240p	1080p, 720p, 420p, 240p

▶ HD Monitor	UML-262-90	▶ HD Monitor	UML-422-90
Size	26"	Size	42"
Max. Resolution	1920 x 1080	Max. Resolution	1920 x 1080
TVL Resolution	600TVL	TVL Resolution	600TVL
Aspect Ratio	16:9	Aspect Ratio	16:9
Brightness (cd/m2)	450	Brightness (cd/m2)	700
Contrast Ratio	4000:1	Contrast Ratio	3500:1
Video Inputs	Two BNC connector	Video Inputs	Two BNC connector
Video Output	VGA, DVI-D, HDMI	Video Output	VGA, DVI-D, HDMI
Audio Input	Yes	Audio Input	Yes
Viewing Angle	178° x 178°	Viewing Angle	178° x 178°
Picture-in-picture	Yes	Picture-in-picture	Yes
VESA Compliant	Yes	VESA Compliant	Yes

▶ System Solution	Bosch Video Client	Bosch Recording Station	Bosch VMS
Channel Count	Up to 64 (16 free)	Up to 256	Up to 500
System Architecture Support	Standalone	Standalone or Peer to Peer (200 max.)	Client Server
SD and HD Resolution supported	Y	Y	Y
16:9 Monitor support	Y	Y	Y
Mapping	N	N	Y
User Management	N	Y	Y
IVA Alarms	Y	Y	Y
Edge camera support / iSCSI Recording	Y	N	Y
Video Recording Management	Y (DLA)	Y	Y
IVA metadata	Y	N	Y

▶ Bosch Video Storage Arrays	DLA 1200 Series	DLA 1400 Series	DSA-N2B20 Series	DSA-N2B40 Series
Maximum Drives Supported	4	4 or 8	12 min. & up to 56 max.	12 min. & up to 84 max
Available Capacities	1 TB	1 TB or 2 TB	1 TB	1 TB
Hot Swappable	N/A	Yes	Yes	Yes
Capacity	4 TB	4 bay: 4 TB 8 bay: 8 TB or 16 TB	12 TB	12 TB
Base System (RAID Configuration)	3.6 TB (JBOD)	4 bay: 2.7 TB (RAID 5) 8 bay: 6.4 TB (RAID 5) / 12.8 TB (RAID 5)	6.9 TB (RAID-4) / 6.3 TB (RAID-DP)	6.9 TB (RAID-4) / 6.3 TB (RAID-DP)
Array Throughput / Bandwidth	150 Mbps	200 Mbps	250 Mbps	400 Mbps
Camera iSCSI Connections	64 (32 connections included)	128 (64 connections included)	128	256
Direct-to-iSCSI	Any Bosch IP device running FW v4.x or greater	Any Bosch IP device running FW v4.x or greater	Any Bosch IP device running FW v4.x or greater	Any Bosch IP device running FW v4.x or greater
VMS Support	BVC or BVMS (v2.20 or newer)	BVC or BVMS (v2.20 or newer)	BVC or BVMS	BVC or BVMS
VRM Support	Yes (v2.11 Embedded)	Yes (v2.11 Embedded)	Yes	Yes