



## 3xLOGIC VIGIL NVRs | Video Management

VERSION 7.0 | DECEMBER 2020





**Simple. Scalable. Secure.**

	V250-8-02	V250-8A16-02	V250-16-02	V5000	V5300
NVR Image					
Release Date	12/21/20	12/21/20	12/21/20		
Form Factor	1U	2U	1U	2U	3U
Max Cameras Total	8	24	16	32	32
Max IP Cameras	8	8	16	32	32
Max Analog Cameras	0	16	0	16	32
HD Analog Support	NA	NA	NA	16-HD-TVI (720P, 1080), AHD (720P, 1080P)	Up to 32-HD-TVI (720P, 1080), AHD (720P, 1080P)
Max Hard Drive Capacity	24TB	24TB	24TB	36TB	120TB
Multi-Monitor Support	No*	No*	No*	Yes	Yes
Serial Ports	1	1	1	1	0 (4 or 8 Optional)
Recommended Max Total Megapixels*	64	64	64	160	160
Recommended Max Total Bitrate	65000Kbps	40000Kbps	65000Kbps	163840Kbps	163840Kbps
Processor	Intel Celeron @2.3 GHz	Intel Celeron @2.3GHz	Intel Celeron @2.3 GHz	Intel Core i5	Intel Core i5
Alarm Inputs / Relay Outputs	Embedded (4/2)	Embedded (4/2)	Embedded (4/2)	Optional External	Optional External
RAM	8 GB	8 GB	8 GB	8 GB	8 GB
Analytics	Edge Support	Edge Support	Edge Support	Edge Support	Edge Support
USB Ports	4 (2 - USB 3.0)	4 (2 - USB 3.0)	4 (2 - USB 3.0)	7 (4 - USB 3.0)	6 (2 - USB 3.0)
Power Rating	250W	300W	250W	300W	500W
Built-in PoE	Yes	Yes	Yes	No	No
Warranty	3 Years	3 Years	3 Years	3 Years	3 Years

\*Monitor on V250-4, V250-8 and V250-16 should only be utilized for system setup and service / troubleshooting.

\*\*Recommended Max Total Megapixels based on 8FPS using H.264 compression.

	V7000	V7300
NVR Image		
Form Factor	2U	3U
Max Cameras Total	64	64
Max IP Cameras	64	64
Max Analog Cameras	16	32
HD Analog Support	16-HD-TVI (720P, 1080), AHD (720P, 1080P)	Up to 32-HD-TVI (720P, 1080), AHD (720P, 1080P)
Max Hard Drive Capacity	36TB	120TB
Multi-Monitor Support	Yes	Yes
Serial Ports	1	0 (4 or 8 Optional)
Recommended Max Total Megapixels*	320	320
Recommended Max Total Bitrate	327680Kbps	327680Kbps
Processor	Intel Core i7	Intel Core i7
Alarm Inputs / Relay Outputs	Optional External	Optional External
RAM	16 GB	16 GB
Analytics	Edge Support	Edge Support
USB Ports	7 (4 - USB 3.0)	6 (2 - USB 3.0)
Power Rating	300W	500W
Built-in PoE	No	No
Warranty	3 Years	3 Years

\*Monitor on V250-4, V250-8 and V250-16 should only be utilized for system setup and service / troubleshooting.

\*\*Recommended Max Total Megapixels based on 8FPS using H.264 compression.

## V250 Configuration

SERIES NAMES	PROCESSOR OPTIONS	CHASSIS	ANALOG CHANNELS AVAILABLE	IP CHANNELS AVAILABLE	BASE STORAGE
V250-16-02 NVR	Intel Celeron @2.3 GHz	Compact 1U (11.6" deep)	0	Up to 16	Up to 24TB***
V250-8-02 NVR		Compact 1U (11.6" deep)	0	Up to 8	Up to 24TB**
V250 Hybrid	Intel Celeron @2.3 GHz	Compact 2U (15.8" deep)	16 (analog only)	Up to 8	Up to 24TB*

\*2TB Standard, one additional HDD slot available

\*\*\*No HDD included. 2 Bays Available, Max 24TB (12TB x 2TB). Separate purchase required.

\*\*V250-8-4TB-02 only. V250-8-2TB-02 has a 14TB maximum.

## V5000/V7000 Configuration Options

SERIES NAMES	PROCESSOR OPTIONS	CHASSIS	HYBRID/FLEX CHANNELS AVAILABLE	IP CHANNELS AVAILABLE	BASE STORAGE
V5000	Gen 6 Intel Core i5	Compact 2U (11" deep)	0	Up to 32	Up to 36TB
V5016	Gen 6 Intel Core i5	Compact 2U (11" deep)	16	Up to 16	Up to 36TB
V5016-HD *HD analog models support both standard and HD Analog.	Gen 6 Intel Core i5	Compact 2U (11" deep)	16	Up to 16	Up to 36TB
V7000	Gen 6 Intel Core i7	Compact 2U (11" deep)	0	Up to 64	Up to 36TB
V7016	Gen 6 Intel Core i7	Compact 2U (11" deep)	16	Up to 48	Up to 36TB
V7016-HD *HD analog models support both standard and HD Analog.	Gen 6 Intel Core i7	Compact 2U (11" deep)	16	Up to 48	Up to 36TB

**V5300/V7300 Configuration Options**

SERIES NAMES	PROCESSOR OPTIONS	CHASSIS	HYBRID/FLEX CHANNELS AVAILABLE	IP CHANNELS AVAILABLE	BASE STORAGE
V5300	Gen 6 Intel Core i5	3U (20" deep)	0	Up to 32	Up to 60TB
V5316	Gen 6 Intel Core i5	3U (20" deep)	16	Up to 16	Up to 60TB
V5316-HD	Gen 6 Intel Core i5	3U (20" deep)	16	Up to 16	Up to 60TB
V5332	Gen 6 Intel Core i5	3U (20" deep)	32	Up to 32	Up to 60TB
V5332-HD	Gen 6 Intel Core i5	3U (20" deep)	32	Up to 32	Up to 60TB
V7300	Gen 6 Intel Core i7	3U (20" deep)	0	Up to 64	Up to 60TB
V7316	Gen 6 Intel Core i7	3U (20" deep)	16	Up to 48	Up to 60TB
V7316-HD	Gen 6 Intel Core i7	3U (20" deep)	16	Up to 48	Up to 60TB
V7332	Gen 6 Intel Core i7	3U (20" deep)	32	Up to 32	Up to 60TB
V7332-HD	Gen 6 Intel Core i7	3U (20" deep)	32	Up to 32	Up to 60TB



**3xLOGIC Inc.** has been a leading innovator in security technology for 15+ years. The company is recognized for providing easy-to-use surveillance and business intelligence solutions that seamlessly integrate video, access control, alarm audio and video verification, and disparate data sets such as ATM, Point-of-Sale, analytics, and more.

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