



### Line NVR 2U Linux Video Server

1	Manufacturer's contact details	Devline Ltd 12F Xinbaohui Building Nanshan, Shenzhen, China +86 755 8602 0781
2	Purpose and key information	<p>The Line NVR 2U Linux video server is a reliable off-the-shelf solution for creating an IP video surveillance system using video analytics. The software installed in the Line NVR 2U Linux video server comes with a licence. The technical datasheet is designed for people responsible for installing and maintaining the Line NVR 2U Linux video server. The manufacturer assumes that the customer's employees have sufficient skills to maintain computer equipment and handle hazardous voltages, are familiar with the safety measures required when installing devices and have studied this technical datasheet and the user manual.</p> <p>The information in this document may be changed without prior notification. The manufacturer does not make any warranty regarding this material, including, but not limited to, the implied warranty of the merchantability of this product and its suitability for a specific task. The manufacturer shall not be liable for any errors in this document or for accidental or intentional damage associated with the supply, performance or use of this material.</p> <p>All trademarks mentioned herein are the property of their respective owners.</p>
3	Number of video/audio channels	Line NVR 16-2U Linux: 16 digital video and audio channels.
		Line NVR 32-2U Linux: 32 digital video and audio channels.
		Line NVR 64-2U Linux: 64 digital video and audio channels.
4	Video channel resolution	Up to 10 megapixels per channel (depending on the IP camera) subject to using a second stream with a resolution no greater than 640 x 480
5	The number of frames captured/recorded per second for each channel	Programmable without limits
6	Video codecs	H.265, H.264, MJPEG (only for IP cameras according to integration)
7	Audio codecs	MP3, MP2, MP1, AAC, G.711, G.723.1, G.726, G.729, PCM, etc. (more than 160 audio channels and variations)
8	Pre-installed operating system	Debian 10 + XFCE
9	Case height	2U
10	Chassis type and dimensions (D x W x H) mm	Installation in a 19-inch rack, 390 x 430 x 89
11	Processor (no lower than)	Line NVR 16-2U Linux: AMD 7th Gen A8-9600
		Line NVR 32-2U Linux: Intel Core i3 10100

		Line NVR 64-2U Linux: Intel Core i5 10500
12	Motherboard chipset	Line NVR 16-2U Linux: AMD A320
		Line NVR 32-2U Linux: Intel H410
		Line NVR 64-2U Linux: Intel B460
13	RAM	Line NVR 16-2U Linux and Line NVR 32-2U Linux models: DDR4 8 GB (4GB x2, dual channel)
		Line NVR 64-2U Linux: DDR4 16GB (8GB x2, dual channel)
14	Disk subsystem	SSD: 120 GB M.2 2280 Option to install 4 HDD (3.5") for archiving.
15	Graphics subsystem	Integrated graphics card. Support for 2 monitors.
16	I/O interfaces	Line NVR 16-2U Linux: 1 x PS/2 keyboard 1 x PS/2 mouse 1 x D-Sub (VGA) 1 x HDMI 1 x LAN (RJ45) 4 x USB 3.1 Gen 1 2 x USB 2.0 3 x Audio jack(s)
		Line NVR 32-2U Linux: 1 x PS/2 keyboard / mouse 1 x D-Sub (VGA) 1 x HDMI 1 x LAN (RJ45) 2 x USB 3.1 Gen 2 3 x USB 2.0 3 x Audio jack(s)
		Line NVR 64-2U Linux: 1 x PS/2 keyboard 1 x PS/2 mouse 1 x D-Sub (VGA) 1 x HDMI 2 x LAN (RJ45) 4 x USB 3.1 Gen 2 2 x USB 2.0 3 x Audio jack(s)
17	Network	Line NVR 16-2U Linux and Line NVR 32-2U Linux models: Gigabit Ethernet
		Line NVR 64-2U Linux: 2 x Gigabit Ethernet
18	Power	500 W
19	Input voltage	230 V

20	Operating temperature range.	+10°C ... +35°C
21	Package size (D x W x H) mm	520 x 540 x 180
22	Guarantee	2 years
23	Package contents	Line NVR 2U Linux video server (assembled and packed) – 1 pc. Power cable 220 V – 1 pc. Packaging – 1 pc. “CCTV in operation” sticker – 1 pc.
24	Safety requirements	Assembly, connection, configuration and operating works for the Line video server must be conducted in accordance with the following documents: - Safety rules for the operation of electrical installations of consumers; - User rules for operating electrical equipment; - Operational rules for electrical installations. The manufacturer shall not bear any financial or legal responsibility for fire or electric shock caused as a result of the failure to observe the safety measures or the equipment assembly and operation conditions. If a fault is discovered in the product, contact the manufacturer’s technical support services. Do not disassemble or modify the server.
25	Operating conditions	The Line NVR 2U Linux video server is designed for use around the clock. Temperature: +10°C ... +35°C, humidity 10...80% without condensation or dust formation.
26	Appearance	