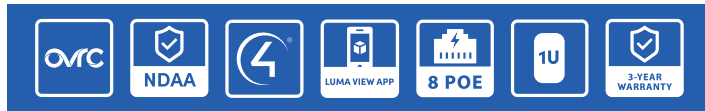


221 SERIES



Summary

The Luma 221 Series 16-Channel NVR delivers enhanced processing power and reliable, high-performance surveillance. It's an excellent choice for smaller projects requiring an efficient 16-camera setup.

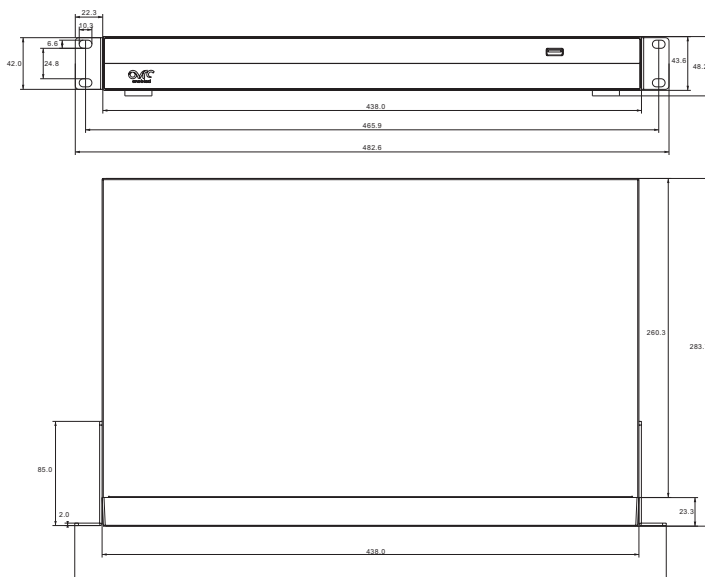
With support for up to 240W of PoE power and 192 Mbps of incoming and outgoing bandwidth, this NVR easily handles high-resolution video streams from demanding cameras, including those up to 16MP. It features two SATA bays and is available in multiple storage configurations: 0TB, 6TB, or 8TB, with expansion support of up to 18TB per drive.

Rear Panel



Dimensions

Unit: mm



Specifications

Specifications	LUM-221-NVR-16CH
Hard Drive Bays (Internal)	LUM-221-NVR-16CH-0T: 2 HDD Bays (no HDD included) LUM-221-NVR-16CH-6T: 2 HDD Bays (1x 6TB HDD included) LUM-221-NVR-16CH-8T: 2 HDD Bays (1x 8TB HDD included)
Hard Drive Storage (Internal)	Up to 18TB each, maximum up to 36TB (2 x 18TB)
Bandwidth	192/192 Mbps
Network Interface	1 x Gigabit LAN Port
PoE Ports	16
PoE Standard	IEEE802.3AF/AT
Frame Rate	NTSC: 30FPS; PAL: 25FPS
Network / Ethernet Desc.	RJ 45 (10/100/1000 Mbps)
Outputs	HDMI: 3840×2160 / 1920×1080 / 1280×1024 / 1024×768 VGA: 1920×1080 / 1280×1024 / 1024×768 VGA can be set to output the same or different video source with HDMI
Audio Inputs/Outputs	1 x RCA/1 x RCA
Alarm Contact Inputs/Outputs	8ch input / 4ch output
USB Ports	1 x USB 3.0 for high-speed data transfer, 2x USB 2.0
Decoding Capability	1x 16MP@30FPS / 4x8MP@30FPS / 16x2MP@30FPS
Motion Detection	Yes
AI Event	Human, Vehicle & Non-Motor Vehicle Detection
Search Features Desc.	Time Search, Event Search, Intelligent Analysis Search
Supported Resolutions	16MP/12MP/8MP/6MP/5MP/4MP/3MP/1080P/1280X1024/960P/720P/960H/D1/CIF
Display Split Window	1, 4, 9, 16, 1+5, 1+7, 1+12
Browser Support	Chrome, Firefox, Safari, Edge, IE Mode in Edge
Rack Spacing	1U
PoE Max Power Output (each port)	15W (using all ports)
PoE Max Power Output (single port)	30W (using one port)
NVR Maximum Power	≤ 240W
Power Consumption	≤ 20W (without HDD and PoE power supply)
Power Supply	AC100~240V, 50-60Hz (internal power supply)
Certifications	ETL Listed, CE, FCC, EU RoHS, REACH, WEEE
Operating Temperature	14°-122°F (-10° ~ 50°C)
Operating Humidity	10% ~ 90% humidity
Dimensions (W x D x H)	11.16 x 17.24 x 1.72in (283.7 x 438 x 43.8mm)
Weight	9.24 lbs