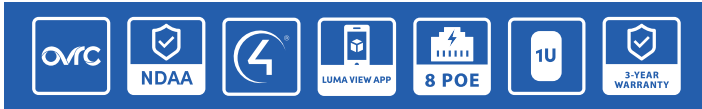


221 SERIES

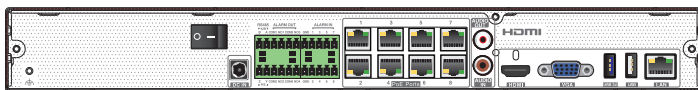


Summary

The Luma 221 Series 8-Channel NVR delivers enhanced processing power for reliable, high-performance surveillance—making it an excellent choice for smaller projects requiring an efficient 8-camera setup.

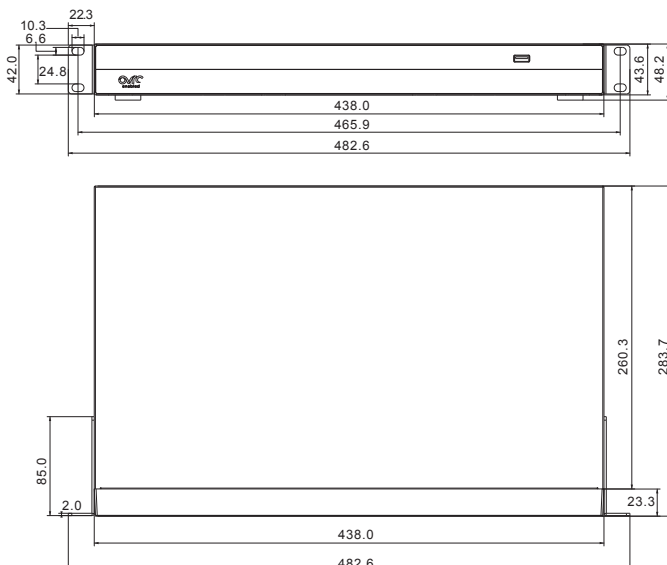
With support for up to 120W of power and 160 Mbps of both incoming and outgoing bandwidth, this NVR easily handles high-resolution video streams—even from demanding cameras like the 12MP Luma Fisheye. It includes two SATA bays and is available in multiple configurations—0TB, 4TB, or 6TB—with storage expansion supported up to 18TB per drive.

Rear Panel



Dimensions

Unit: mm



Specifications

Product	LUM-221-NVR-8CH
Hard Drive Bays (Internal)	LUM-221-NVR-8CH-0T: 2x (no HDD included) LUM-221-NVR-8CH-4T: 2x (4TB HDD included) LUM-221-NVR-8CH-6T: 2x (6TB HDD included)
Network Interface	1 x Gigabit LAN Port
PoE Ports	8
PoE Standard	IEEE802.3AF/AT
Hard Drive Storage (Internal)	Up to 18TB each, maximum up to 36TB (2 x 18TB)
Bandwidth	160/160 Mbps *When 8 IPCs are directly connected to 8 PoE ports, the incoming/outgoing bandwidth can reach 80Mbps/80Mbps
Network / Ethernet Desc.	RJ 45 (10/100/1000 Mbps)
Outputs	HDMI: 3840X2160 / 1920X1080 / 1280X1024 / 1024X768 VGA: 1920X1080 / 1280X1024 / 1024X768 VGA can be set to output the same or different video source with HDMI
Audio Inputs/Outputs	1 x RCA/1 x RCA
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
Frame Rate	NTSC: 30fps; PAL: 25fps
Decoding Capability	1x 16MP@30fps / 4x8MP@30fps / 9x2MP@30fps / 16x2MP@30fps
Browser Support	Chrome, Firefox, Safari, Edge, IE Mode in Edge
Alarm Contact Inputs/Outputs	8 Alarm Inputs / 4 Alarm Outputs
Display Split Window	1, 4, 1 + 5, 1 + 7, 9
Rack Spacing	1U
PoE Max Power Output (all port)	15W (using all ports)
PoE Max Power Output (single port)	30W (using one port)
NVR Maximum Power	120W
Power Consumption	≤ 20W (without HDD and PoE power supply)
Power Supply	DC: 48V/3.75A
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)	17.24 x 11.16 x 1.65in (438 x 283.7 x 42mm)
Weight	LUM-221-NVR-8CH-0T: 8.97lb (4.07kg) LUM-221-NVR-8CH-4T: 10.22lb (4.64kg) LUM-221-NVR-8CH-6T: 10.25lb (4.65kg)