LUMA
S U R V E I L L A N C E

220
SERIES

OvrC enabled | NDAA | LUMA VIEW APP | 16 POE | 1U | 3 YEAR WARRANTY
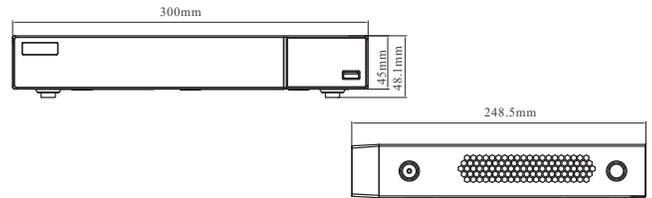
Summary

Luma's 220 Series NVR offers powerful all-around performance and features, including support for higher resolution cameras up to 8MP, 4K HDMI output, intelligent analytics capabilities, and long-distance PoE up to 200m. For additional install convenience, use OvrC to quickly deploy and configure a Luma system to set recordings, AI events, and more. The Luma View app gives your customers push notifications of events and streamlined access to recordings for quick viewing and sharing.

Features

- Supports 8CH 8MP/6MP/5MP/4MP/3MP/1080P/1280×1024/ 960P/720P/ 960H/DI/CIF IP video input
- H.265S/H.265+/H.265/H.264 coding
- Multi-mode recording
- Playback: 16CH simultaneous playback
- Search: time slice, time, event, tag and smart search Supports multiple VCA events
- Express & flexible backup via USB, Web Interface, and Luma View app
- Preview, record, playback, backup and remote access
- DHCP, DDNS, PPPoE network protocol
- Remote control via Web
- 16 PoE network ports; PoE power supply supported
- Dual stream technology
- Authorization management
- Multi-user online simultaneously
- 4K output, true high resolution display
- Remote monitoring support via Luma View app

Dimensions

Unit: mm

300mm
45.1mm
48.1mm
248.5mm

Specifications

Product	LUM-220-NVR-16CH
Network Camera Input	16 Channel
Network Camera Resolution	8MP/6MP/5MP/4MP/3MP/1080P/1280×1024/960P/720P/960H/D1/CIF
Video Output	HDMI: 3840 × 2160 / 1920 x 1080 / 1280 x 1024 / 1024 × 768 VGA: 1920 x 1080 / 1280 x 1024 / 1024 × 768
Video Compression	H.265+ / H.265 / H.264+ / H.264
2-way Audio	1 x RCA
Local Audio Output	1 x RCA
Audio Compression	G.711A G.711U
Simultaneous Playback	16 Channel
Decoding Capability	1 Channel: 8MP 4 Channel: 2MP
Built-in PoE Ports	16
Built-in PoE Standard	IEEE802.3AF/AT
Built-in PoE Power Output	≤ 150W
Alarm Input (Local)	0
Alarm Output (Local)	0
Network Bandwidth	96/96 Mbps
Hard Drive Interface	2 x SATA 3.0
Max Hard Drive Capacity	28TB
Backup	USB Network Mobile App
USB Interface	Front: 1 Rear: 1
Network Interface	10/100/1000Mbps
Power Supply	DC 48V/3.75A
Power Consumption	≤ 10W (without HDD)
ONVIF Comformance	Yes
Video Analysis	Human Detection Motor Vehicle Detection Non-motor Vehicle Detection
Operating Temperature	–10 – 50 °C
Operating Humidity	10% – 90% humidity
Dimensions	17.12" x 11.31" x 1.68"
Weight	9.3lbs
Certifications	ETL Listed, CE, FCC
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