

NDAA COMPLIANT

Luminys Network Video Recorders

NVRs for Every Application—From Small Sites to Enterprises

When security incidents happen, finding the right video quickly and keeping your surveillance system running reliably can make all the difference. Luminys NVRs simplify video management by bringing reliable recording, faster investigations, and flexible system expansion together in one solution. Spend less time searching through footage, adapt to changing security needs, and keep your video system working for your business.

Intelligent Search Technology

Find People, vehicles and events instantly with LumiSearch technology.

Long-Range PoE

Deliver PoE power up to 3,000 feet with LumiPower technology.

High-Resolution Recording

Record in resolutions up to 8K for superior clarity and detail.

LumiViewer

An all-in-one management platform for video and access control. Manage devices, monitor live video and receive real-time alerts through a single intuitive interface.

LumiCloud Lite

Complimentary cloud service included with select NVRs. Easy to experience the benefits of cloud-managed security.

LumiCloud

Upgrade to the full user experience of cloud services. Search, store, and view video. Share events and monitor security from anywhere. Available on select NVR models.

Luminys NVR Family

- R3 Starter Series NVRs offer basic features for the value market.
- R4 and R5 Mainstream Series NVRs deliver popular video analytics and essential features for a wide range of surveillance applications.
- R6 Extreme Series NVRs is the extreme storage, scalability and analytics for those that need power and performance.

Enhanced Analytics and Intelligence for Security Operations

Analytics by Camera

Many Luminys network cameras offer built-in analytics such as face detection, heat map, people counting, LumiSearch and more. The metadata that is created by the camera can then be used when connect to a Luminys NVR.

Why Does This Matter

Select NVRs can create video metadata based on the video stream from a Luminys network camera. The R6 NVR can also interpret ONVIF profile M event metadata from other manufacturer network cameras.

Analytic Capabilities

- Face Detection: Detect faces in video, enhancing search capabilities.
- Face Recognition: Authenticate individuals using their face and a database in the NVR to control access.
- People Counting: Monitor entry and exit flows, supporting space management.
- Heat Map: Visualize high-traffic zones, aiding in resource allocation and operational planning.
- Intelligent Motion Detection (iMD): Reduces false alarms by differentiating between human and vehicle movements.
- VCA: Set alerts for boundary breaches to secure restricted areas.

License Plate Recognition (With Luminys LPR Camera)

LPR is ideal for gate and access control, parking management and authentication.

- Instant Alerts: Real-time notifications for identified license plates.
- Automated Recording: Seamlessly capture and store license plate images.
- Smart Search Capabilities: Quickly locate video by plate number, date, or time.
- No license required. Use camera stand-alone or with Luminys NVR.



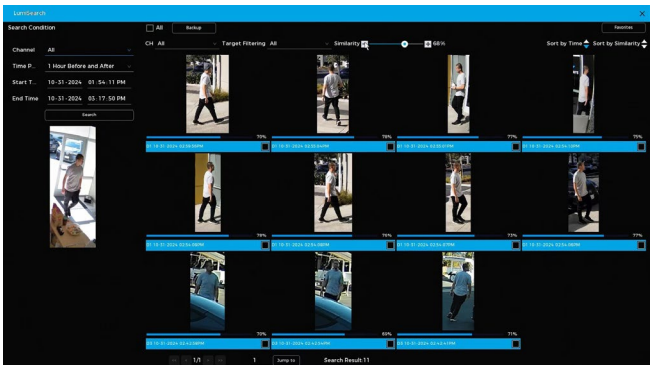
LumiSearch & LumiSearch+

LumiSearch technology lets you quickly find, track, and identify targets in security video using just a reference image. Its algorithm analyzes body shape to accurately determine where a person has appeared across any LumiSearch-enabled camera and NVR. Additionally, LumiSearch is designed with privacy in mind—it does not use facial recognition, does not require pre-registration, and collects no personally identifiable information.

LumiSearch+ adds Trajectory Tracking, which visualizes movement paths across multiple camera feeds to improve situational awareness.

LumiSearch

- **Efficient Tracking:** Locate individuals or vehicles quickly across feeds with a single reference image.
- **Targeted Searches:** Filter by attributes like clothing or vehicle for rapid retrieval.
- **Pre-Search by Intrusion (Irregular Shape):** Draw custom search areas with irregular shapes.
- **Pre-Search by Line Crossing:** Detect unauthorized entry across designated points.



LumiSearch in Action

LumiSearch+

- **Trajectory Tracking:** Visualize movement paths across multiple feeds.
- **Advanced Attribute Search:** Identify by unique characteristics.

LumiSearch-Compatible Cameras



N5-D LumiDeterrent Series



N5-C LumiColor Series



N5-S PTZ Series and the P54-4DB25

LumiSearch+-Compatible Cameras



N5-L LumiLuxSmart Series

Network Video Recorders






Model Series	R3 Starter Series	R4 Mainstream Series	R5 Mainstream Series	R6 Extreme Series
Recording				
Number of Channels	4, 8 or 16	8 or 16	8, 16 or 32	32, 64 or 128
Max Camera Resolution	8MP	16MP	32MP	32MP
Max Video Output	4K	4K	4K	8K
H.265+, H.265, H.264 Compression	Y	Y	Y	Y
Max Recording*	160 Mbps (80 Mbps on R31 models)	256 Mbps	400 Mbps (256 Mbps on R52-8PA model)	1400 Mbps
Fisheye Dewarping	-	-	Y	Y
ONVIF Profiles	S, T, G	S, T, G	S, T, G	S, T, G, M
Storage				
Max Storage	20 TB	32 TB	64 TB	160 TB
JBOD, RAID	JBOD	JBOD	JBOD	JBOD, RAID 0, 1, 5, 6, 10
Hot Swap	-	-	-	Y
Physical				
Ethernet Ports (1 GB)	1 (100Mbps on R31 models)	1	1 (Dual NIC 32 ch***)	Dual NIC 2.5 Gbps
Total PoE Ports	4, 8 or 16	8 or 16	8, 16 or 24	-
LumiPower PoE	-	-	Y (8 ports on PoE models)	-
eSATA Port	-	-	Y (32 CH)	Y
Rackable, Desktop	Y**	Y	Y	Y
Size	Mini, 1U	1U	1U, 1.5U	2U
USB Ports	2	2	2, 3 (32 Ch)	4
Mouse	Y	Y	Y	Y
Software				
WebGUI	Y	Y	Y	Y
LumiViewer	Y	Y	Y	Y
LumiCloud Lite	Y	-	Y	Y
LumiCloud ($)	Y	-	Y	Y
LumiCenter ($)	Y	Y	Y	Y
Max. LumiCloud Channels (Recommended)	2	-	8	10
Analytics				
LumiSearch/LumiSearch+	-	-	Y	Y
LumiAnalytics by Camera	Y	Y	Y	Y
LumiAnalytics by Recorder	-	Limited	Y	Y
iMD	Y	Y	Y	Y
VCA	Y	Y	Y	Y
Face Detection	Y	Y	Y	Y
Face Recognition	-	Y	Y	Y
Video Metadata (Recorder)	-	-	-	Y
LPR (Requires LPR Camera)	Y	Y	Y	Y

* Maximum bandwidth with AI turned off.
** 4 and 8 Ch Mini are not rack mountable.
*** Dual NIC 1 Gbps Ethernet for R54-32NA model
$ = LumiCloud and LumiCenter licenses sold separately.
See NVR datasheets for complete specifications.