



2025

Product Catalog

Volume 1

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Luminys 7-10 Year Warranty for Peace of Mind

- **7 to 10-Year Product Warranty:**
Extended coverage tailored to each MVP Program level.
- **Trouble-Free Ownership:**
Guaranteed smooth operations with comprehensive support.
- **Cost Control:**
Benefit from significant MSRP discounts to lower operational expenses.
- **Enhanced RMA Support:**
Streamlined processes for quicker issue resolution and minimal downtime.
- **First-Class Quality and Support:**
Dedicated support ensures superior service and reliability.



For more information,
see: RMA Policy

Luminys Tools - Streamlined Support for Every Project Stage

From product selection to system management, our tools save you time and boost productivity. Central to this is the Lumi Wiki, your go-to resource for product manuals, guides, and firmware updates, ensuring you have the information needed for smooth operations.



Explore more about
our tools and their
capabilities at Lumi Wiki

Product Selector - Find and Compare

Access Detailed Product Information Find the perfect product with our Product Search bar by entering the first 1 to 3 characters of a model number or the product name. Visit us online and scan the QR Code for direct access: QR Code. For more customized searches, use the Luminys Product Selector:

- [Cameras Selector](#): Tailored for various security needs.
- [Recorders Selector](#): Enhance your security systems.
- [Accessories Selector](#): Complement your setup.



Access Detailed Product
Information Here

Learn Lumi: Empower. Innovate. Excel.

Master essential skills with our targeted training and certification, designed to enhance expertise and support professional growth.



For quick access to our
training materials, scan the
QR code to visit Learn Lumi



Rigorous Compliance

“
Delivering Safe, Smart, and Sustainable Ecosystems
”

Mission:
To empower communities and customers with advanced, high-quality technology solutions, we uphold integrity, enhance security, and optimize operations. Our smart connected solutions deliver sustainable, safer, and symbiotic ecosystems.

Vision:
To be the connected ecosystem of solutions and services for a sustainable, secure world.

As an MVP partner, you are not just part of our network – you are at the heart of our mission to innovate, lead, and shape the future of our industry together.

Join us, and gain access to dynamic co-marketing initiatives, cutting-edge technical support, priority resources, and significant pricing advantages.

What Can We Do For You

- By becoming an MVP partner, you unlock a pathway to growth through exclusive benefits, robust support, and unique opportunities that drive profitability.
- Our program is structured with four distinct tiers, each offering increasing advantages tailored to your achievements and commitment.
- Whether you’re just starting your journey or aiming to elevate your business to the highest level, the MVP Program provides everything you need to succeed.

	Partner	Executive	Ambassador	Elite
Core Requirements				
Sales (Annually)/Sales volume objectives	\$10K and Up	\$60K and Up	\$120K and Up	\$250k
*Certification/Certification training objectives	None	None	1 Sales Certification & 1 Technical Certification	2 Sales Certification & 2 Technical Certification
Core Benefits				
Pricing Benefits/MSRP Discounts	Up To 44% Off MSRP	Up To 48% Off MSRP	Up To 52% Off MSRP	Up To 54% Off MSRP
Extended Warranty	7	8	9	10
Over the Counter Exchange	✓	✓	✓	✓
Project Registration	✓	✓	✓	✓
Co-Marketing		✓	✓	✓
Online Certification Courses	✓	✓	✓	✓
Dealer Portal	✓	✓	✓	✓
Dedicated Account Manager	✓	✓	✓	✓
Tech Support/Dedicated Project Technical Support		Dedicated Project Technical Support	Dedicated Project Technical Support	Dedicated Project Technical Support
Tech Support/Email Response	Email Response within 24 hours	Email Response within 24 hours	Email Response within 12 hours	Email Response within 12 hours
Tech Support Line	General Line	General Line	Priority Line	Priority Line
Partner Care Program		✓	✓	✓
Lead Generation		✓	✓	✓
Technical Consultant		✓	✓	✓
MVP Summit			Eligible 2ppl	Eligible 2ppl
LumiCloud Access	✓	✓	✓	✓
Exclusive Nomination Opportunity			Dealer Advisory Nomination	Dealer Advisory Nomination
Demo Purchase Program	Up to \$5,000 MSRP Annually	Up to \$10,000 MSRP Annually	Up to \$15,000 MSRP Annually	Up to \$20,000 MSRP Annually

**This requirement will be mandatory in the future once the certification training program is launched.*
**Stay up-to-date with our demo purchase program. Our partners have the opportunity to purchase demo products at a discounted rate each year based on tier level.*

Our Technologies



LumiLuxSmart technology allows cameras to capture clear, full-color video day or night. When motion is detected, LumiLuxSmart cameras switch from IR LEDs to white-light LEDs to illuminate a scene, then switch back to IR mode once motion has ceased to prevent light pollution and energy inefficiency.



LumiLightBand technology activates a camera's light strip by schedule or when an event alarm is triggered. The lights come in different colors and can be set to keep steady, wave, or flash for a specific amount of time.



LumiAnalytics technology uses detailed metadata and advanced AI algorithms to track important metrics such as people counting and behavior analysis. These insights give businesses highly valuable information to improve and optimize operations.



LumiSearch technology lets you quickly find, track, and identify targets in security footage using a reference image. The LumiSearch algorithm analyzes human body shape, clothing color, and other characteristics to accurately pinpoint where a target has appeared in footage captured by any LumiSearch-enabled camera and NVR.



LumiSearch+ Take LumiSearch further by drawing custom intrusion zones to monitor irregular areas. Plus, filter searches by attributes such as color.



LumiIR technology provides superior light sensitivity to capture clear footage in the darkest conditions. Cameras with LumiIR are sensitive to 940 nm for unobtrusive, covert security without sacrificing footage quality.



LumiNightKing's advanced low-light technology captures full-color video in near-total darkness, allowing for covert operations in any environment. Powered by an innovative AI ISP chip and large aperture, this industry-leading camera operates without the need for intrusive IR or white-light LEDs, ensuring discreet performance even in the darkest conditions.



LumiDeterrent technology integrates full-color video, active deterrence, and AI algorithms to provide 24/7 security. This technology can accurately identify potential risks and prevent incidents with red and blue light alarms and enhanced sound alarms.



LumiColor technology allows you to capture color footage in complete darkness (0 lux). Cameras with this technology have integrated white-light LEDs to illuminate scenes in low lighting. The integrated white lights work in combination with a large aperture lens to capture more available light and reproduce color images with superior detail and contrast.



LumiTracking technology enhances security and efficiency by automating tracking of people and vehicles. It uses advanced AI algorithms to monitor and predict the direction and speed of moving targets, enabling quick response to potential issues for enhanced security and smooth operation.



LumiPower technology enables long-distance Power over Ethernet transmission, extending power and data delivery up to 3,000 feet. This simplifies installations in larger or more complex environments by eliminating the need for additional power sources or repeaters. LumiPower ensures consistent connectivity and dependable power management, ideal for expansive security infrastructures.

Camera Naming Conventions

N		5		D		-		4		L		A		2	
Technology		Series		Form Factor				Resolution		CORE Function		Generation		Lens/Color	
N Network		5 LumiLuxSmart LumiColor LumiDeterrent		B Bullet				4 4MP	C LumiColor	A Gen1		2 2.8mm			
		9 Pano LPR Fisheye		T Turret				8 8MP		S LumiSearch		V Vari-focal			
		4 LumiNightKing		D Dome				12 12MP		D LumiDeterrent		B Black			
		3 LumiLightBand								P LumiPower					
		2 IR								L LumiLuxSmart					
										R IR					
										9 940nm IR					
										A LumiAnalytics					
										B LumiLightBand					
										V LumiNightKing					



PTZ Naming Conventions

P	5	T	-	8	R	A	2
Technology	Series	Form Factor		Resolution	Function	Generation	Lens/Color
P PTZ	4	4 4" PTZ		4 4MP	C LumiColor	A Gen1	25 25x optical zoom
	5 Core Series	5 5" PTZ		5 5MP	S LumiSearch	B Gen2	45 45x optical zoom
		C In-ceiling PTZ		8 8MP	D LumiDeterrent		32 32x optical zoom
					P LumiPower		
					L LumiLuxSmart		
					R IR		
					9 940nm IR		
					A LumiAnalytics		



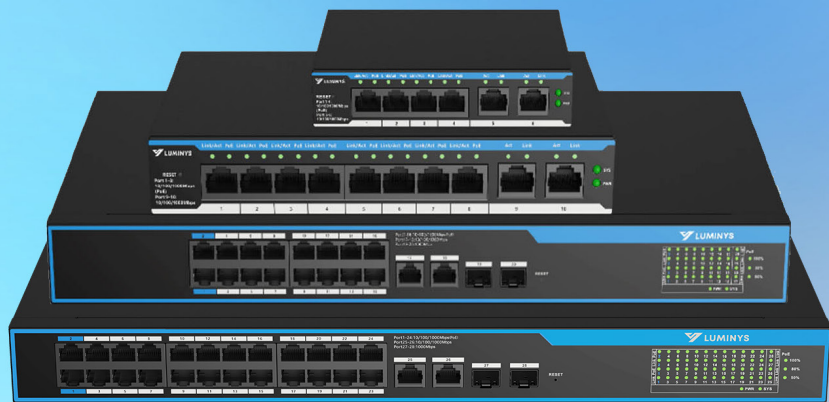
NVR Naming Conventions

R	5	T	-	32	N	A	4
Technology	Series	HDD No.		Channel No.	Function	Generation	HDD Size
R NVR	3 Kit NVR	1 1 HDD		4 4CH	P POE	A Gen1	1 1T
	4 Lite AI Series	2 2 HDD		8 8CH	W WIFI	B Gen2	2 2T
	5 Pro AI Series	4 4 HDD		16 16CH	R Redundant power		4 4T
	6 Extreme AI Series	8 8 HDD		24 24CH	D LCD Screen		8 8T
		S 16 HDD		32 32CH	T Other features		T 10T
		T 24 HDD		64 64CH	N Non POE, Dual NIC		
					A LumiSmart Analytics XVR		
					F 1080P/5MP-Lite		
					K 5MP/4K-Lite		



Switch Naming Conventions

S	M	L	-	10	G	P	A
Technology	Type	Series		Total Port No.	Port Type	PoE	Generation
S Switch	M Managed Switch	L Lite		01-99	G Gigabit	P PoE	A Gen1
	U Unmanaged	P Pro			M 10/100M	L LumiPower	B Gen2
		H High					



Access Control Naming Conventions

C	2	G	A				
Technology	Door	Material Appearance	Generation				
C Controller	1 1 Door	P Plastic	A Gen1				
E Enclosure	2 2 Door	M Metal	B Gen2				
	4 4 Door	N Narrow					
	F Face	W Wide					
		4 4.3-in					
				RD	1	M	G
				Technology	Generation	Control Type	Material Appearance
				RD Reader	1 1st Generation	B Bluetooth	P Plastic
				ED Enrollment	2 2nd Generation	P Password	M Metal
						C Card	N Narrow
							W Wide
							U USB





01 **LumiCloud Features**

LumiCloud

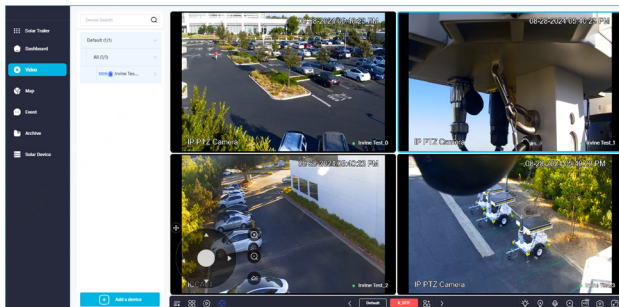
The Next-Generation of Video Surveillance

Revolutionize the way you monitor and manage your security system.



LumiCloud is a Video Surveillance as a Service (VSaaS) solution powered by a variety of algorithms that provides the ability to search, receive alerts and analyze patterns of detections across locations and historical data. Data is centrally stored in the cloud with easy access from web browsers and smart phone apps.

LumiCloud supports high-resolution video streams, ensures clarity, and provides real-time access from anywhere. This platform provides advanced analytics, customizable alerts, effective bandwidth management, and simple subscription-based scalability.



View and search live or recorded video through a web browser or smart phone.

Experience seamless integration with select models

- Luminy's Network Cameras
- Luminy's NVRs
- Luminy's Network Switches
- Luminy's Access Control
- LumiGuardian Solar Trailer

LumiCloud Key Features



Dashboard Management

- Access cameras and other devices
- No port forwarding
- Connect anywhere, anytime, with any device



Optimize Your IT Costs

- No need to purchase an expensive server or hire maintenance staff
- Maximize time and resources while minimizing IT costs Trusted



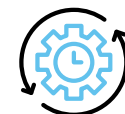
Quickly Connect Devices

- Add a device manually or via QR Code
- Supports select camera and NVRs, LumiGuardian trailer, POE Switches and access control



Trusted

- Video data is stored and managed in the cloud
- Reliable protection against threats from both inside and outside



Easy Configuration

- Remotely login and configure devices
- No server hardware to install, manage, or configure

* Device must support an HTML-5 web-browser.

LumiCloud Features: Video



LumiCloud Lite

- Included free with purchase of select Luminy's NVRs and Cameras.
- Upgrade to LumiCloud Unity for additional features.
- LumiCloud supports R3 and R5 NVR models.

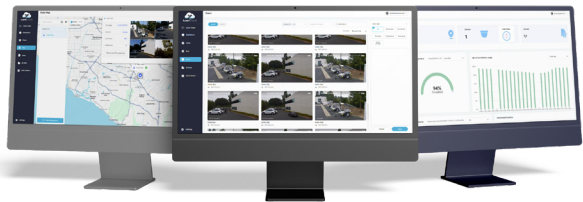
	Feature	LumiCloud Lite	LumiCloud Unity
License & Subscription	SKU	Free w/ Hardware	LCL-HDV-U
	Subscription Length	Perpetual	1 Year
General Function	Secure Remote Connection	Y	Y
	Device Registration via QR Code	Y	Y
	Live View	Y	Y
	Playback from Local Storage	Y	Y
	Device Management	Y	Y
Interactive Management & Monitoring	Site Map	-	Y
	Channel Configuration	-	Y
Cloud Storage	Event Cloud Storage	-	Y
	Permanent Archive (Max 30 GB)	-	Y
Event & Alert	Event Record on Local Storage	Y	Y
	Event Cross Platform Alert	-	Y
	iMD Event	-	Y
	VCA Event	-	Y
	Car of Interest	-	Y
	Metadata (R5 NVR series)	-	Y
	LumiSearch	-	Y
	Person of Interest	-	Y
User Function	User Control	-	Y
	Video/Event Sharing	-	Y
System Function	Device Online Status	Y	Y
	OTA Firmware	Y	Y
	Software Upgrade	Y	Y
	Health Alerts	-	Y
	Comprehensive Reports	-	Y

LumiCloud Features: Access



Simplifying Access Control with LumiCloud:

- Manages 1 door
- Supports No change Web Access Controller
- Manage Credential & User Permissions
- Door Management
 - ✓ Configure Users & Door Groups
 - ✓ Remote Monitoring and Management
 - ✓ Simplified Configuration Processes
 - ✓ Real-Time Network Health Monitoring
- Scalable and Flexible Deployment



	Feature	LumiCloud Access
License & Subscription	SKU	LCL-ACD
	Subscription Length	1 Year
General	Secure Remote Connection	Y*
	Device online status	Y*
	OTA Firmware update	Y*
Access Schedule	User Management	Y*
	Access rules configuration	Y
	Weekly schedule	Y
	Exception schedule	Y
	User information extraction	Y
	Door configuration	Y
Advance function	First-person Unlock	Y
	Multi-person Unlock	Y
	Interlock**	Y
	Anti-passback**	Y
Video Access Control	NVR channel linkage	Y
	Linked camera live view	Y
	Event search	Y
	Event retrieval	Y
	Comprehensive Reports	Y

* Included with hardware purchase
** Feature Coming Soon

LumiCloud Features: Network Switches



Simplifying Network Management with LumiCloud:

- Centralized Network Control
- Remote Monitoring and Management
- Simplified Configuration Processes
- Real-Time Network Health Monitoring
- Scalable and Flexible Deployment
- Remote Access with Secure Connectivity
- LumiCloud supports network switch models SML-6GPA, SML-10GPA, SML-20GPA and SML-28GPA



	Features	Network Switch
License & Subscription	SKU	LCL-SW100
	Subscription Length	1 Year
General Function	Secure Remote Connection	Y*
	Device Registration via QR	Y*
	OTA firmware	Y*
Switch Management	Switch Panel View	Y
	Switch Setting and Status	Y
	Switch Reboot	Y
	Congestion Threshold	Y
	Comprehensive Report	Y
	VLAN**	Y
Port Management	Port Status	Y
	Port Setting	Y
	Port Control	Y
	POE Watchdog	Y
	Port Alert	Y
Advance Function	Device information Detection**	Y
	Automatic Topology diagram**	Y

* Included with hardware purchase
** Feature Coming Soon



02 LumiCenter Features

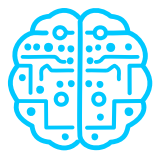
LumiCenter VMS

Unifying Security, Amplifying Intelligence



Unified Control Interface:

Seamless integration and management of multiple devices from one interface.



Advanced Analytics:

On-board camera analytics and AI-based analytics detection.



Real-Time Monitoring:

Timely alerts with automated event responses.

LumiCenter Overview

LumiCenter is a state-of-the-art video management software (VMS) designed to seamlessly integrate surveillance cameras, AI-based analytics, and robust server software with web clients and mobile applications. The software enables you to take a proactive stance on security, predicting and alerting to potential incidents before they escalate. Dynamic map navigation and response systems let you quickly access video feed and automate responses. LumiCenter eliminates the common frustrations of most video management systems and provides a streamlined, intelligent solution to video monitoring and management.

AI-Powered Analytics



Behavior Analytics: Man Down Detected

- The LumiCenter AI Tracker Channel (LCE-AIT) is AI solution to integrate seamlessly with the LumiCenter Plus/Max platform, providing advanced AI-driven features to enhance video surveillance capabilities.



LumiSearch

LumiSearch VMS: Tag and Track People

- AI analytics extracts human appearance features and stores them in a database.
- Select a person in a video frame or upload a photo to quickly find similar individuals within security footage from multiple cameras.



Real-time Analytics: Advanced Motion Detection

- AI analytics extracts human appearance features and stores them in
- Supports embedded camera analytics for important scene metadata and information.
- Supports ONVIF profiles M and T.
- Reduces false events and alerts with state-of-the-art algorithms.



Web, Desktop, and Mobile Clients

- Access LumiCenter from any device.
- Easily change video viewing and analytic settings and monitor video feeds from anywhere.

PanoMerge™

- Seamlessly combine feeds from up to three (3) cameras to create a panoramic view.
- View live or playback panoramic video
- Export panoramic footage as standard .avi or .mkv files.
- Select and zoom into any part of the merged image.

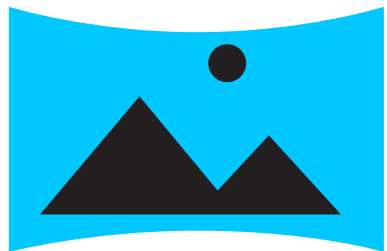
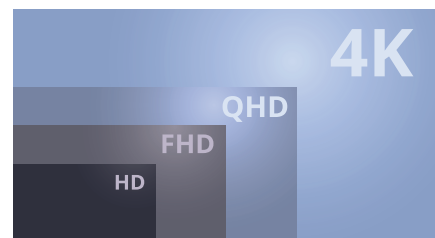


Image Dewarping

- Dewarp and correct images without any additional burden on the client CPU.



AutoStream™

- Automatically chooses a camera stream that matches the client's screen resolution.
- Saves network bandwidth and client CPU resources using adaptive video streaming.

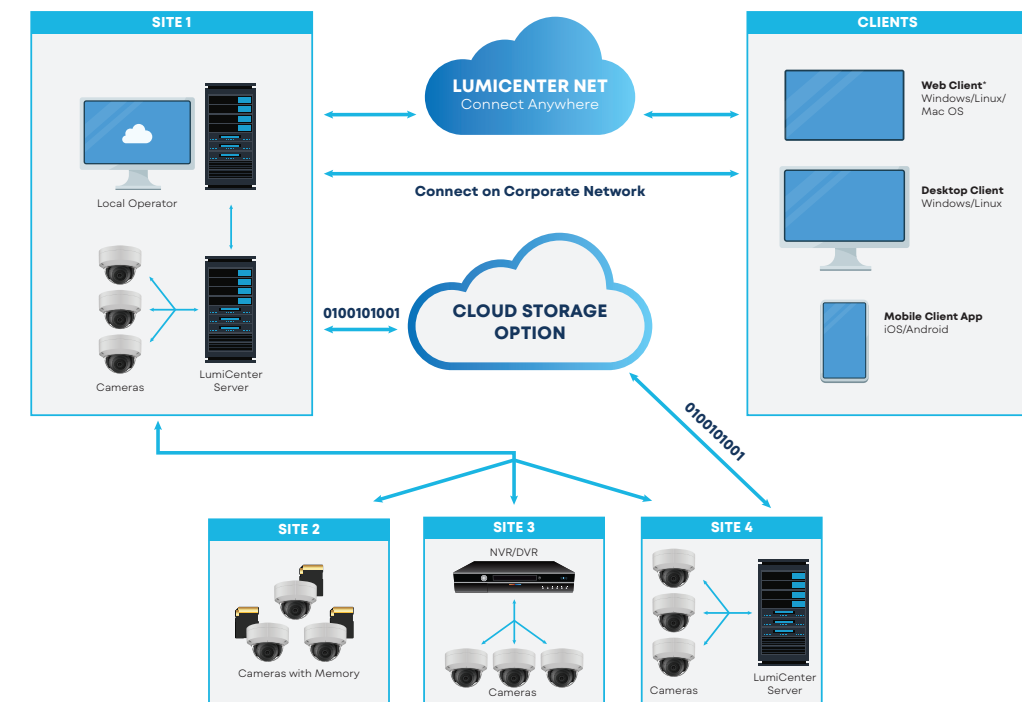
LumiCenter Net

- Provides an intuitive, user-friendly web client without the need for port forwarding or an open network port.
- View live or recorded video remotely from any HTML 5 supported browser.



LumiCenter System Diagram

LumiCenter is designed to be an all-in-one integration and management hub for your surveillance and access control devices. It allows you to store data at the edge, locally, or in a centralized server. Access your systems and information no matter where you are or what device you are on with LumiCenter Net and our various clients.



Key Features

- Scalable to suit any type and size of application.
- ONVIF support for compatibility with thousands of third-party IP cameras and devices.
- Advanced AI-based video analytics and embedded camera analytics.
- LumiSearch enables quick location of objects and individuals in recorded footage.
- One-time license fee with no annual maintenance.

LumiCenter Feature Matrix

There are three variants of LumiCenter: Basic, Plus and Max, choose the one that fits your needs. Each license enables video capture, display, record, transmit and playback of one video channel from an IP camera or IP device. Additional functionality includes input/output, audio and PTZ support. LumiCenter VMS supports ONVIF profiles G, M, S and T for maximum IP camera and device compatibility. The software license has no annual maintenance fee.

Features	LumiCenter Basic	LumiCenter Plus	LumiCenter Max
SKU	LCE-BASV	LCE-PLSV	LCE-MAXV
Max # Distributed Servers	30	30	unlimited
Max # Cameras	unlimited	unlimited	unlimited
Real-time Analytics (Object Tracker)	Y	Y	Y
Edge Analytics (Camera Metadata)	Y	Y	Y
Edge Storage (Playback Only)	Y	Y	Y
AutoStream™ Bandwidth Management	Y	Y	Y
Interactive 3D Map	Y	Y	Y
Web Client	Y	Y	Y
Timeslice Search (Search by Time Intervals)	Y	Y	Y
Privacy Masking	Y	Y	Y
Macros (Event-Response Scenarios)	Y	Y	Y
ONVIF Profiles G, S, T, M	Y	Y	Y
Video Bookmarking (Searchable Text Comments)	Y	Y	Y
PanoMerge™	Y	Y	Y
LumiCenter Net (Cloud Service)		Y	Y
Reports		Y	Y
Cross-System Client		Y	Y
Videowall		Y	Y
LumiSearch VMS			Y
Storage Replication			Y
Failover			Y
LDAP Service			Y

LumiCenter Add-on Modules (per Channel License)

Add more power to your system with LumiCenter add-on Modules*

Features	SKU	LumiCenter Basic	LumiCenter Plus	LumiCenter Max
LumiCenter Access Control	LCE-AC	Y	Y	Y
LumiCenter AI Tracker	LCE-AIT		Y	Y**
LumiCenter Face Recognition	LCE-FR		Y	Y
LumiCenter Face Recognition - 10 Pack	LCE-FR10		Y	Y
LumiCenter LPR	LCE-LPR		Y	Y
LumiCenter LPR Search	LCE-LPRS		Y	Y
LumiCenter PPE	LCE-PPE		Y	Y

Add-on video modules require the purchase of LumiCenter Basic, Plus or Max video license.
*Add-on Modules require a LumiCenter video license.
** Already Included in LumiCenter Max



03 Network Cameras



N4T-4VA2



N4B-4VA2



N3T-8BA2

Series	LumiNightKing		LumiLightBand
Image Sensor	1/1.8-in. CMOS	1/1.8-in. CMOS	1/2.7-in. CMOS
Max. Resolution	4MP (2688 × 1520)	4MP (2688 × 1520)	8MP (3840 x 2160)
Focal Length	2.8 mm	2.8 mm	2.8 mm
Min. Illumination	Color: 0.0005 Lux at F1.0 0 Lux with Illuminator on	Color: 0.0005 Lux at F1.0 0 Lux with Illuminator on	Color: 0.008 Lux at F1.6 B/W: 0.0008 Lux at F1.6 0 Lux with Illuminator on
Max. IR Distance	N/A	N/A	98 ft (30 m)
Max. White-light Distance	98 ft (30 m)	98 ft (30 m)	98 ft (30 m)
LumiSearch / LumiSearch+	No	No	No
LumiAnalytics*	No	No	No
iMD	Yes	Yes	Yes
VCA / VCA+	VCA	VCA	VCA
Audio In/Out	Built-in Microphone	Built-in Microphone	Built-in Microphone
Alarm In/Out	N/A	N/A	N/A
Memory Slot	Max 256 GB	Max 256 GB	Max 256 GB
Protection Rating	IP67	IP67	IP67
Operating Temperature	-40°F to +140°F (-40°C to +60°C)	-40°F to +140°F (-40°C to +60°C)	-40°F to +140°F (-40°C to +60°C)
Power	PoE, 12VDC	PoE, 12VDC	PoE, 12VDC

Definitions:
VCA: Line Crossing and Intrusion
VCA+: Line Crossing, Intrusion, Loitering Detection, and Parking Detection



N5T-4DA2



N5T-8DA2



N5T-8DAV

Series	LumiDeterrent		
Image Sensor	1/2.7-in. CMOS	1/2.8-in. CMOS	1/2.8-in. CMOS
Max. Resolution	4MP (2688 × 1520)	8MP (3840 x 2160)	8MP (3840 x 2160)
Focal Length	2.8 mm	2.8 mm	2.7 mm to 13.5 mm
Min. Illumination	Color: 0.001 Lux at F1.0 B/W: 0.0001 Lux at F1.0 0 Lux with Illuminator on	Color: 0.001 Lux at F1.0 B/W: 0.0001 Lux at F1.0 0 Lux with Illuminator on	Color: 0.002 Lux at F1.0 B/W: 0.0002 Lux at F1.0 0 Lux with Illuminator on
Max. IR Distance	98 ft (30 m)	98 ft (30 m)	164 ft (50 m)
Max. White-light Distance	98 ft (30 m)	98 ft (30 m)	131 ft (40 m)
LumiSearch / LumiSearch+	LumiSearch	LumiSearch	LumiSearch
LumiAnalytics*	No	No	No
iMD	Yes	Yes	Yes
VCA / VCA+	VCA+ **	VCA+ **	VCA+ **
Audio In/Out	Built-in Microphone, 1 Input/ Built-in Speaker, 1 Output	Built-in Microphone, 1 Input/ Built-in Speaker, 1 Output	Built-in Microphone, 1 Input/ Built-in Speaker, 1 Output
Alarm In/Out	1 Input/1 Output	1 Input/1 Output	1 Input/1 Output
Memory Slot	Max 256 GB	Max 256 GB	Max 512 GB
Protection Rating	IP67	IP67	IP67
Operating Temperature	-40°F to +140°F (-40°C to +60°C)	-40°F to +140°F (-40°C to +60°C)	-22°F to +140°F (-30°C to +60°C)
Power	PoE, 12VDC	PoE, 12VDC	PoE, 12VDC

*Face Detection, People Counting, Queue Management, Heat Map, Smart Object Detection. Features may vary, please refer to the datasheet.
**Parking Detection Not Supported
***Fence Climbing, Abandoned/Missing Object, People Gathering, Vehicle/Human Alarm Classification, Linkage Tracking



N5P-8DA2



N5T-4LA2



N5T-8LA2/
N5T-8LA2B

Series	LumiDeterrent	LumiLuxSmart	
Image Sensor	1/2.7-in. CMOS	1/1.8-in. CMOS	1/1.8-in. CMOS
Max. Resolution	2x4MP (4096 × 1860)	4MP (2688 × 1520)	8MP (3840 x 2160)
Focal Length	2.8 mm	2.8 mm	2.8 mm
Min. Illumination	Color: 0.002 Lux at F1.4 B/W: 0.0002 Lux at F1.4 0 Lux with Illuminator on	Color: 0.0005 Lux at F1.0 B/W: 0.0003 Lux at F1.0 0 Lux with Illuminator on	Color: 0.0005 Lux at F1.0 B/W: 0.0003 Lux at F1.0 0 Lux with Illuminator on
Max. IR Distance	82 ft (25 m)	98 ft (30 m)	98 ft (30 m)
Max. White-light Distance	66 ft (20 m)	98 ft (30 m)	98 ft (30 m)
LumiSearch / LumiSearch+	No	LumiSearch+	LumiSearch+
LumiAnalytics*	No	Yes	Yes
iMD	Yes	Yes	Yes
VCA / VCA+	VCA+ **	VCA+	VCA+
Audio In/Out	Built-in Microphone, 1 Input/ Built-in Speaker, 1 Output	Built-in Microphone, 1 Input/ 1 Output	Built-in Microphone, 1 Input/ 1 Output
Alarm In/Out	1 Input/1 Output	1 Input/1 Output	1 Input/1 Output
Memory Slot	Max 256 GB	Max 512 GB	Max 512 GB
Protection Rating	IP67	IP67	IP67
Operating Temperature	-40°F to +140°F (-40°C to +60°C)	-40°F to +140°F (-40°C to +60°C)	-40°F to +140°F (-40°C to +60°C)
Power	PoE, 12VDC	PoE, 12VDC, LumiPower	PoE, 12VDC, LumiPower

Definitions:
VCA: Line Crossing and Intrusion
VCA+: Line Crossing, Intrusion, Loitering Detection, and Parking Detection



N5T-12LA2



N5T-4LAV



N5T-8LAV

Series	LumiLuxSmart		
Image Sensor	1/2.5-in. CMOS	1/1.8-in. CMOS	1/1.8-in. CMOS
Max. Resolution	12MP (4512 x 2512)	4MP (2688 × 1520)	8MP (3840 x 2160)
Focal Length	2.8 mm	2.7 mm to 12 mm	2.7 mm to 12 mm
Min. Illumination	Color: 0.0085 Lux at F1.6 B/W: 0.0008 Lux at F1.6 0 Lux with Illuminator on	Color: 0.0006 Lux at F1.2 B/W: 0.0003 Lux at F1.2 0 Lux with Illuminator on	Color: 0.0007 Lux at F1.2 B/W: 0.0004 Lux at F1.2 0 Lux with Illuminator on
Max. IR Distance	98 ft (30 m)	131 ft (40 m)	131 ft (40 m)
Max. White-light Distance	98 ft (30 m)	131 ft (40 m)	131 ft (40 m)
LumiSearch / LumiSearch+	LumiSearch+	LumiSearch+	LumiSearch+
LumiAnalytics*	Yes	Yes	Yes
iMD	Yes	Yes	Yes
VCA / VCA+	VCA+	VCA+	VCA+
Audio In/Out	Built-in Microphone, 1 Input/ 1 Output	Built-in Microphone, 1 Input/ 1 Output	Built-in Microphone, 1 Input/ 1 Output
Alarm In/Out	1 Input/1 Output	1 Input/1 Output	1 Input/1 Output
Memory Slot	Max 512 GB	Max 512 GB	Max 512 GB
Protection Rating	IP67	IP67	IP67
Operating Temperature	-40°F to +140°F (-40°C to +60°C)	-22°F to +140°F (-30°C to +60°C)	-22°F to +140°F (-30°C to +60°C)
Power	PoE, 12VDC, LumiPower	PoE, 12VDC, LumiPower	PoE, 12VDC, LumiPower

*Face Detection, People Counting, Queue Management, Heat Map, Smart Object Detection. Features may vary, please refer to the datasheet.
**Parking Detection Not Supported
***Fence Climbing, Abandoned/Missing Object, People Gathering, Vehicle/Human Alarm Classification, Linkage Tracking

**N5B-4LA2****N5B-8LA2****N5B-12LA2**

Series	LumiLuxSmart		
Image Sensor	1/1.8-in. CMOS	1/1.8-in. CMOS	1/2.5-in. CMOS
Max. Resolution	4MP (2688 × 1520)	8MP (3840 × 2160)	12MP (4512 × 2512)
Focal Length	2.8 mm	2.8 mm	2.8 mm
Min. Illumination	Color: 0.0005 Lux at F1.0 B/W: 0.0003 Lux at F1.0 0 Lux with Illuminator on	Color: 0.0005 Lux at F1.0 B/W: 0.0003 Lux at F1.0 0 Lux with Illuminator on	Color: 0.0085 Lux at F1.6 B/W: 0.0008 Lux at F1.6 0 Lux with Illuminator on
Max. IR Distance	98 ft (30 m)	98 ft (30 m)	98 ft (30 m)
Max. White-light Distance	98 ft (30 m)	98 ft (30 m)	98 ft (30 m)
LumiSearch / LumiSearch+	LumiSearch+	LumiSearch+	LumiSearch+
LumiAnalytics*	Yes	Yes	Yes
iMD	Yes	Yes	Yes
VCA / VCA+	VCA+	VCA+	VCA+
Audio In/Out	Built-in Microphone, 1 Input/ 1 Output	Built-in Microphone, 1 Input/ 1 Output	Built-in Microphone, 1 Input/ 1 Output
Alarm In/Out	1 Input/1 Output	1 Input/1 Output	1 Input/1 Output
Memory Slot	Max 512 GB	Max 512 GB	Max 512 GB
Protection Rating	IP67, IK10	IP67, IK10	IP67, IK10
Operating Temperature	-40°F to +140°F (-40°C to +60°C)	-40°F to +140°F (-40°C to +60°C)	-40°F to +140°F (-40°C to +60°C)
Power	PoE, 12VDC, LumiPower	PoE, 12VDC, LumiPower	PoE, 12VDC, LumiPower

Definitions:
VCA: Line Crossing and Intrusion
VCA+: Line Crossing, Intrusion, Loitering Detection, and Parking Detection

**N5B-4LAV****N5B-8LAV****N5D-4LA2**

Series	LumiLuxSmart		
Image Sensor	1/1.8-in. CMOS	1/1.8-in. CMOS	1/1.8-in. CMOS
Max. Resolution	4MP (2688 × 1520)	8MP (3840 × 2160)	4MP (2688 × 1520)
Focal Length	2.7 mm to 12 mm	2.7 mm to 12 mm	2.8 mm
Min. Illumination	Color: 0.0006 Lux at F1.2 B/W: 0.0003 Lux at F1.2 0 Lux with Illuminator on	Color: 0.0007 Lux at F1.2 B/W: 0.0004 Lux at F1.2 0 Lux with Illuminator on	Color: 0.0008 Lux at F1.4 B/W: 0.0005 Lux at F1.4 0 Lux with Illuminator on
Max. IR Distance	164 ft (50 m)	164 ft (50 m)	98 ft (30 m)
Max. White-light Distance	164 ft (50 m)	164 ft (50 m)	98 ft (30 m)
LumiSearch / LumiSearch+	LumiSearch+	LumiSearch+	LumiSearch+
LumiAnalytics*	Yes	Yes	Yes
iMD	Yes	Yes	Yes
VCA / VCA+	VCA+	VCA+	VCA+
Audio In/Out	Built-in Microphone, 1 Input/ 1 Output	Built-in Microphone, 1 Input/ 1 Output	Built-in Microphone, 1 Input/ 1 Output
Alarm In/Out	1 Input/1 Output	1 Input/1 Output	1 Input/1 Output
Memory Slot	Max 512 GB	Max 512 GB	Max 512 GB
Protection Rating	IP67, IK10	IP67, IK10	IP67, IK10
Operating Temperature	-22°F to +140°F (-30°C to +60°C)	-22°F to +140°F (-30°C to +60°C)	-40°F to +140°F (-40°C to +60°C)
Power	PoE, 12VDC, LumiPower	PoE, 12VDC, LumiPower	PoE, 12VDC, LumiPower

*Face Detection, People Counting, Queue Management, Heat Map, Smart Object Detection. Features may vary, please refer to the datasheet.
**Parking Detection Not Supported
***Fence Climbing, Abandoned/Missing Object, People Gathering, Vehicle/Human Alarm Classification, Linkage Tracking



N5D-8LA2



N5D-12LA2



N5D-4LAV

Series	LumiLuxSmart		
Image Sensor	1/1.8-in. CMOS	1/2.5-in. CMOS	1/1.8-in. CMOS
Max. Resolution	8MP (3840 x 2160)	12MP (4512 x 2512)	4MP (2688 × 1520)
Focal Length	2.8 mm	2.8 mm	2.7 mm to 12 mm
Min. Illumination	Color: 0.0008 Lux at F1.4 B/W: 0.0005 Lux at F1.4 0 Lux with Illuminator on	Color: 0.0085 Lux at F1.6 B/W: 0.0008 Lux at F1.6 0 Lux with Illuminator on	Color: 0.0006 Lux at F1.2 B/W: 0.0003 Lux at F1.2 0 Lux with Illuminator on
Max. IR Distance	98 ft (30 m)	98 ft (30 m)	98 ft (30 m)
Max. White-light Distance	98 ft (30 m)	98 ft (30 m)	98 ft (30 m)
LumiSearch / LumiSearch+	LumiSearch+	LumiSearch+	LumiSearch+
LumiAnalytics*	Yes	Yes	Yes
iMD	Yes	Yes	Yes
VCA / VCA+	VCA+	VCA+	VCA+
Audio In/Out	Built-in Microphone, 1 Input/ 1 Output	Built-in Microphone, 1 Input/ 1 Output	Built-in Microphone, 1 Input/ 1 Output
Alarm In/Out	1 Input/1 Output	1 Input/1 Output	1 Input/1 Output
Memory Slot	Max 512 GB	Max 512 GB	Max 512 GB
Protection Rating	IP67, IK10	IP67, IK10	IP67, IK10
Operating Temperature	-40°F to +140°F (-40°C to +60°C)	-40°F to +140°F (-40°C to +60°C)	-40°F to +140°F (-40°C to +60°C)
Power	PoE, 12VDC, LumiPower	PoE, 12VDC, LumiPower	PoE, 12VDC, LumiPower

Definitions:
VCA: Line Crossing and Intrusion
VCA+: Line Crossing, Intrusion, Loitering Detection, and Parking Detection



N5D-8LAV



N5T-4CA2



N5T-8CA2

Series	LumiLuxSmart	LumiColor	
Image Sensor	1/1.8-in. CMOS	1/1.8-in. CMOS	1/1.8-in. CMOS
Max. Resolution	8MP (3840 x 2160)	4MP (2688 × 1520)	8MP (3840 x 2160)
Focal Length	2.7 mm to 12 mm	2.8 mm	2.8 mm
Min. Illumination	Color: 0.0007 Lux at F1.2 B/W: 0.0004 Lux at F1.2 0 Lux with Illuminator on	Color: 0.0005 Lux at F1.0 0 Lux with Illuminator on	Color: 0.0005 Lux at F1.0 0 Lux with Illuminator on
Max. IR Distance	98 ft (30 m)	N/A	N/A
Max. White-light Distance	98 ft (30 m)	98 ft (30 m)	98 ft (30 m)
LumiSearch / LumiSearch+	LumiSearch+	LumiSearch	LumiSearch
LumiAnalytics*	Yes	Yes	Yes
iMD	Yes	Yes	Yes
VCA / VCA+	VCA+	VCA+	VCA+
Audio In/Out	Built-in Microphone, 1 Input/ 1 Output	Built-in Microphone	Built-in Microphone
Alarm In/Out	1 Input/1 Output	No	No
Memory Slot	Max 512 GB	Max 512 GB	Max 512 GB
Protection Rating	IP67, IK10	IP67	IP67
Operating Temperature	-22°F to +140°F (-30°C to +60°C)	-40°F to +140°F (-40°C to +60°C)	-40°F to +140°F (-40°C to +60°C)
Power	PoE, 12VDC, LumiPower	PoE, 12VDC, LumiPower	PoE, 12VDC, LumiPower

*Face Detection, People Counting, Queue Management, Heat Map, Smart Object Detection. Features may vary, please refer to the datasheet.
**Parking Detection Not Supported
***Fence Climbing, Abandoned/Missing Object, People Gathering, Vehicle/Human Alarm Classification, Linkage Tracking



N5B-4CA2



N5B-8CA2

Series	LumiColor	
Image Sensor	1/1.8-in. CMOS	1/1.8-in. CMOS
Max. Resolution	4MP (2688 × 1520)	8MP (3840 x 2160)
Focal Length	2.8 mm	2.8 mm
Min. Illumination	Color: 0.0005 Lux at F1.0 0 Lux with Illuminator on	Color: 0.0005 Lux at F1.0 0 Lux with Illuminator on
Max. IR Distance	N/A	N/A
Max. White-light Distance	98 ft (30 m)	98 ft (30 m)
LumiSearch / LumiSearch+	LumiSearch	LumiSearch
LumiAnalytics*	Yes	Yes
iMD	Yes	Yes
VCA / VCA+	VCA+	VCA+
Audio In/Out	Built-in Microphone	Built-in Microphone
Alarm In/Out	No	No
Memory Slot	Max 512 GB	Max 512 GB
Protection Rating	IP67, IK10	IP67, IK10
Operating Temperature	-40°F to +140°F (-40°C to +60°C)	-40°F to +140°F (-40°C to +60°C)
Power	PoE, 12VDC, LumiPower	PoE, 12VDC, LumiPower

Definitions:
VCA: Line Crossing and Intrusion
VCA+: Line Crossing, Intrusion, Loitering Detection, and Parking Detection



N9F-12RA1



N9F-8RA1



N9L-4RAL

Series	Specialty		
Image Sensor	1/1.7-in. CMOS	1/1.7-in. CMOS	1/1.8-in. CMOS
Max. Resolution	12MP (4000 x 3000)	8MP (3840 x 2160)	4MP (2688 × 1520)
Focal Length	1.85 mm	1.85 mm	10 mm to 50 mm
Min. Illumination	Color: 0.01 Lux at F2.0 B/W: 0.001 Lux at F2.0 0 Lux with Illuminator on	Color: 0.01 Lux at F2.0 B/W: 0.001 Lux at F2.0 0 Lux with Illuminator on	0.002 Lux
Max. IR Distance	33 ft (10 m)	33 ft (10 m)	98 ft (30 m)
Max. White-light Distance	N/A	N/A	N/A
LumiSearch / LumiSearch+	No	No	No
LumiAnalytics*	Yes	Yes	Vehicle Type, Color, Brand
iMD	No	No	No
VCA / VCA+	VCA	VCA	No
Audio In/Out	Built-in Microphone, 1 Input/ 1 Output	Built-in Microphone, 1 Input/ 1 Output	1 Output
Alarm In/Out	2 Inputs/2 Outputs	2 Inputs/2 Outputs	2 Inputs/2 Outputs
Memory Slot	Max 256 GB	Max 256 GB	Max 128 GB
Protection Rating	IP67, IK10	IP67, IK10	IP67, IK10
Operating Temperature	-22°F to +140°F (-30°C to +60°C)	-40°F to +140°F (-40°C to +60°C)	-40°F to +140°F (-40°C to +60°C)
Power	PoE+, 12VDC	PoE+, 12VDC	PoE+, 12VDC

*Face Detection, People Counting, Queue Management, Heat Map, Smart Object Detection. Features may vary, please refer to the datasheet.
**Parking Detection Not Supported
***Fence Climbing, Abandoned/Missing Object, People Gathering, Vehicle/Human Alarm Classification, Linkage Tracking



P54-4SA25



P55-4SA45



P5C-4SA32

Series	LumiSearch		
Image Sensor	1/2.8-in. CMOS	1/2.8-in. CMOS	1/2.8-in. CMOS
Max. Resolution	4MP (2560 x 1440)	4MP (2560 x 1440)	4MP (2560 x 1440)
Focal Length	25x (5 mm to 125 mm)	45x (4 mm to 178 mm)	32x (4.8 mm to 154 mm)
Min. Illumination	Color: 0.005 Lux at F1.6 B/W: 0.0005 Lux at F1.6 0 Lux with Illuminator on	Color: 0.005 Lux at F1.6 B/W: 0.0005 Lux at F1.6 0 Lux with Illuminator on	Color: 0.005 Lux at F1.6 B/W: 0.0005 Lux at F1.6 0 Lux with Illuminator on
Max. IR Distance	328 ft (100 m)	492 ft (150 m)	N/A
LumiTracking	Yes	Yes	Yes
LumiSearch / LumiSearch+	LumiSearch+	LumiSearch+	LumiSearch+
LumiAnalytics*	Yes	Yes	Yes
iMD	Yes	Yes	Yes
VCA / VCA+	VCA+ ***	VCA+ ***	VCA+ ***
Audio In/Out	1 Input/1 Output	1 Input/1 Output	1 Input/1 Output
Alarm In/Out	2 Inputs/2 Outputs	2 Inputs/2 Outputs	2 Inputs/2 Outputs
Memory Slot	Max 512 GB	Max 512 GB	Max 512 GB
Protection Rating	IP66	IP67, IK10	IK10
Operating Temperature	-40°F to +158°F (-40 °C to 70 °C)	-40°F to +158°F (-40 °C to 70 °C)	-40°F to +140°F (-40°C to +60°C)
Power	PoE+, 12VDC	PoE+, 24 VDC	PoE+, 24 VDC

Definitions:
VCA: Line Crossing and Intrusion
VCA+: Line Crossing, Intrusion, Loitering Detection, and Parking Detection



P44-49A25



P45-8RA25

Series	LumiIR	
Image Sensor	1/2.8-in. CMOS	1/1.8-in. CMOS
Max. Resolution	4MP (2560 x 1440)	8MP (3840 x 2160)
Focal Length	25x (5 mm to 125 mm)	25x (5 mm to 125 mm)
Min. Illumination	Color: 0.005 Lux at F1.6 B/W: 0.0005 Lux at F1.6 0 Lux with Illuminator on	Color: 0.005 Lux at F1.6 B/W: 0.0005 Lux at F1.6 0 Lux with Illuminator on
Max. IR Distance	328 ft (100 m)	492 ft (150 m)
LumiTracking	Yes	Yes
LumiSearch / LumiSearch+	No	No
LumiAnalytics*	Yes	Yes
iMD	Yes	Yes
VCA / VCA+	VCA+ ***	VCA+ ***
Audio In/Out	1 Input/1 Output	1 Input/1 Output
Alarm In/Out	2 Inputs/1 Output	2 Inputs/1 Output
Memory Slot	Max 512 GB	Max 512 GB
Protection Rating	IP66	IP67, IK10
Operating Temperature	-40°F to +149°F (-40°C to +65°C)	-40°F to +158°F (-40 °C to 70 °C)
Power	PoE+, 12VDC	PoE+, 24VDC

*Face Detection, People Counting, Queue Management, Heat Map, Smart Object Detection.
Features may vary, please refer to the datasheet.
**Parking Detection Not Supported
***Fence Climbing, Abandoned/Missing Object, People Gathering, Vehicle/Human Alarm
Classification, Linkage Tracking



04 Network Video Recorder



R31-4PA



R31-8PA

Series	R3 Series	
Key Features	4CH 4K PoE NVR Camera-Side Analytics	8CH 4K PoE NVR Camera-Side Analytics
Video Compression	H.265, H.264, MJPEG	H.265, H.264, MJPEG
IP Video Inputs	4CH	8CH
Max Input/ Record Bandwidth	80 Mbps	80 Mbps
Display Output	HDMI (4K Max), VGA (1080p Max)	HDMI (4K Max), VGA (1080p Max)
Maximum HDD Capacity	Supports up to 10TB total (1 x 10TB per drive)	Supports up to 10TB total (1 x 10TB per drive)
eSATA/Mini SAS	-	-
Audio In/Out	1/1	1/1
Alarm In/Out	-	-
Ethernet Port	1 Gigabit Port	1 Gigabit Port
PoE Port	4 PoE Ports	8 PoE Ports
Dimensions	10.2 × 9.2 × 1.8 in.	10.2 × 9.2 × 1.8 in.
Power	48-53 VDC, 36 W Max PoE	48-53 VDC, 36 W Max PoE
LumiCloud		



R32-8PA



R32-16PA

Series	R3 Series	
Key Features	8CH 4K PoE NVR Camera-Side Analytics	16CH 4K PoE NVR Camera-Side Analytics
Video Compression	H.265, H.264, MJPEG	H.265, H.264, MJPEG
IP Video Inputs	8CH	16CH
Max Input/ Record Bandwidth	160 Mbps	160 Mbps
Display Output	HDMI (4K Max), VGA (1080p Max)	HDMI (4K Max), VGA (1080p Max)
Maximum HDD Capacity	Supports up to 20TB total (2 x 10TB per drive)	Supports up to 20TB total (2 x 10TB per drive)
eSATA/Mini SAS	-	-
Audio In/Out	1/1	1/1
Alarm In/Out	4/2	4/2
Ethernet Port	1 Gigabit Port	1 Gigabit Port
PoE Port	8 PoE Ports	16 PoE Ports
Dimensions	14.7 × 12.8 × 1.7 in.	14.7 × 12.8 × 1.7 in.
Power	100-240 V, 115 W Max PoE	100-240 V, 115 W Max PoE
LumiCloud		



R52-8PA



R52-16PA

Series	R5 Series	
Key Features	8CH 8K LumiSearch NVR LumiPower	16CH 8K LumiSearch NVR LumiPower
Video Compression	H.265, H.264, MJPEG	H.265, H.264, MJPEG
IP Video Inputs	8CH	16CH
Max Input/ Record Bandwidth	256 Mbps	400 Mbps
Display Output	HDMI (4K Max), VGA (1080p Max)	HDMI (4K Max), VGA (1080p Max)
Maximum HDD Capacity	Supports up to 32TB total (2 x 16TB per drive)	Supports up to 32TB total (2 x 16TB per drive)
eSATA/Mini SAS	-	-
Audio In/Out	1/1	1/1
Alarm In/Out	4/2	4/2
Ethernet Port	1 Gigabit Port	1 Gigabit Port
PoE Port	8 PoE Ports (Enhanced on Ports 1–8 for LumiPower-enabled cameras)	16 PoE Ports (Enhanced on Ports 1–8 for LumiPower-enabled cameras)
Dimensions	14.7 × 12.8 × 1.7 in.	14.7 × 12.8 × 1.7 in.
Power	100–240 V, 130 W Max PoE	100–240 V, 130 W Max PoE
LumiCloud		



R54-32PA



R54-32NA

Series	R5 Series	
Key Features	32CH 8K LumiSearch NVR LumiPower	32CH 8K LumiSearch NVR
Video Compression	H.265, H.264, MJPEG	H.265, H.264, MJPEG
IP Video Inputs	32CH	32CH
Max Input/ Record Bandwidth	400 Mbps	400 Mbps
Display Output	HDMI (4K Max), VGA (1080p Max)	HDMI (4K Max), VGA (1080p Max)
Maximum HDD Capacity	Supports up to 64TB total (4 x 16TB per drive)	Supports up to 64TB total (4 x 16TB per drive)
eSATA/Mini SAS	1 eSATA Port	1 eSATA Port
Audio In/Out	1/2	1/2
Alarm In/Out	16/6	16/6
Ethernet Port	1 Gigabit Port	2 Gigabit Ports
PoE Port	24 PoE Ports (Enhanced on Ports 1–8 for LumiPower-enabled cameras)	-
Dimensions	17.4 × 16.3 × 2.7 in.	17.4 × 16.3 × 2.7 in.
Power	100–240 V, 210 W Max PoE	100–240 V, <13W
LumiCloud		



R68-32NA



R68-64NA

Series	R6 Series	
Key Features	32CH 8K LumiSearch NVR LumiAnalytics by Recorder	64CH 8K LumiSearch NVR LumiAnalytics by Recorder
Video Compression	H.265, H.264, MJPEG	H.265, H.264, MJPEG
IP Video Inputs	32CH	64CH
Max Input/ Record Bandwidth	1400 Mbps (TBD)	1400 Mbps (TBD)
Display Output	HDMI (8K Max), VGA (1080p Max)	HDMI (8K Max), VGA (1080p Max)
Maximum HDD Capacity	Supports up to 128TB total (8 x 16TB per drive)	Supports up to 128TB total (8 x 16TB per drive)
eSATA/Mini SAS	1 eSATA Port	1 eSATA Port
Audio In/Out	1/2	1/2
Alarm In/Out	16/8	16/8
Ethernet Port	2 x 2.5 Gigabit Ports	2 x 2.5 Gigabit Ports
PoE Port	-	-
Dimensions	17.5 × 18.7 × 3.74 in.	17.5 × 18.7 × 3.74 in.
Power	100–240 VAC, 50/60 Hz	100–240 VAC, 50/60 Hz



R68-XNA

Series	R6 Series
Key Features	128CH 8K LumiSearch NVR LumiAnalytics by Recorder
Video Compression	H.265, H.264, MJPEG
IP Video Inputs	128CH
Max Input/ Record Bandwidth	1400 Mbps (TBD)
Display Output	HDMI (8K Max), VGA (1080p Max)
Maximum HDD Capacity	Supports up to 128TB total (8 x 16TB per drive)
eSATA/Mini SAS	1 eSATA Port
Audio In/Out	1/2
Alarm In/Out	16/8
Ethernet Port	2 x 2.5 Gigabit Ports
PoE Port	-
Dimensions	17.5 × 18.7 × 3.74 in.
Power	100–240 VAC, 50/60 Hz



LumiPower

Extend Your Reach

Pair any LumiPower-enabled camera and NVR together to extend PoE transmission up to 3,000 feet. Save on infrastructure costs and ensure seamless long-distance deployments with LumiPower.

LumiPower Camera versus Standard PoE Camera

LumiPower Camera

3,000 ft (914 meters)

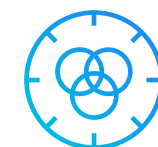
Standard PoE Camera

328 ft (100 meters)

LumiPower-Enabled Cameras



LumiLuxSmart



LumiColor



Series: N5-L



Series: N5-C

System Performance

Bandwidth Guidelines

Maximum input and recording bandwidth may vary depending on the number of connected channels, compression settings, and network configuration.

Certifications & Compliance

All models are FCC- and NDAA- compliant, ensuring security and adherence to regulations.

LumiSearch Compatibility

For full LumiSearch or LumiSearch+ functionality, a LumiSearch-enabled camera and NVR must be paired together. Ensure both the camera and NVR support LumiSearch or LumiSearch+ to access advanced AI capabilities.

Performance & System Recommendations

NVR-Specific Analytics

Recorder-based analytics are available on R5 Series NVRs. Features and functions that may vary based on firmware updates.

Storage Recommendations

For reliable video retention, use HDDs designed for surveillance applications with supported capacities.



LumiSearch

Intelligent Video Search



Series: N5-L, N5-D*, P5-S, N5-C
Supported NVRs: R5, R6

*N5P-8DA2 doesn't support LumiSearch.



05 Access Control

LUMICLOUD

LUMICENTER

NETWORK CAMERA

NETWORK VIDEO
RECORDER



C-2PA

Series	Web Access Controller
Doors Managed	Up to 30 (with sub-controllers)
User Capacity	1,000 users
Card Capacity	5,000 cards
Bluetooth Capacity	5,000 Bluetooth cards
Record Capacity	300,000 events
Verification Methods	Card, Password, Bluetooth, Fingerprint
Protection Level	IK06
Communication Protocols	RS-485, Wiegand, TCP/IP
PoE Support	Yes (Standard PoE)
Power Supply	12V DC/PoE
Built-In Server	Yes, Web-Centric Configuration
Alarm Input/Output	2 Input, 2 Output
Real-Time Monitoring	Supported via LumiViewer app
Operating Environment	Indoor
Dimensions	7.34 x 7.31 x 2.30 in.
Mounting	Surface / Guide Rail Mount



RD1PM



RD1BN



RD1PN



RD1CW

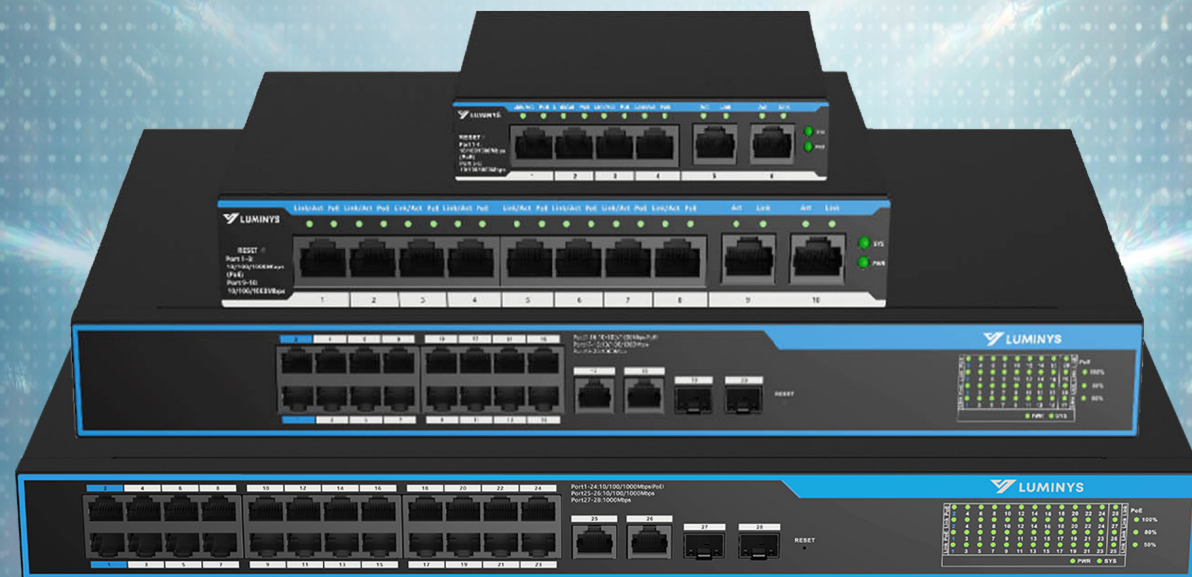
Series	Vandal-proof Access Reader	Bluetooth Access Reader	Mullion Keypad Access Reader	Waterproof Access Reader
Card Type	Mifare (IC Card)	Mifare (IC Card), Bluetooth	Mifare (IC Card)	Mifare (IC Card)
Bluetooth Support	No	Yes (BR/EDR/BLE Bluetooth)	No	No
Verification Methods	Card, Password	Bluetooth, Card	Card, Password	Card
Protection Level	IK08	IP65	IP66	IP66
Communication Protocols	RS-485, Wiegand	RS-485, Wiegand, Bluetooth	RS-485, Wiegand	RS-485, Wiegand
Card Reading Distance	0–1.18 inches	0–1.97 inches	0–1.97 inches	0–1.97 inches
Bluetooth Range	N/A	0.66 ft (short) 32.81 ft (long)	N/A	N/A
Mullion Mountable	No	Yes	Yes	No
Operating Temperature	14°F to 131°F	-22°F to 158°F	-22°F to 158°F	-22°F to 158°F
Operating Environment	Indoor	Indoor/Outdoor	Indoor/Outdoor	Indoor/Outdoor
Dimensions	4.33 x 3.35 x 1.02 in.	5.31 x 1.57 x 0.59 in.	5.31 x 1.57 x 0.59 in.	4.84 x 3.82 x 0.59 in.

ACCESS CONTROL

TRANSMISSION

ACCESSORIES

LUMIGUARDIAN



06 Transmission



SML-6GPA



SML-10GPA



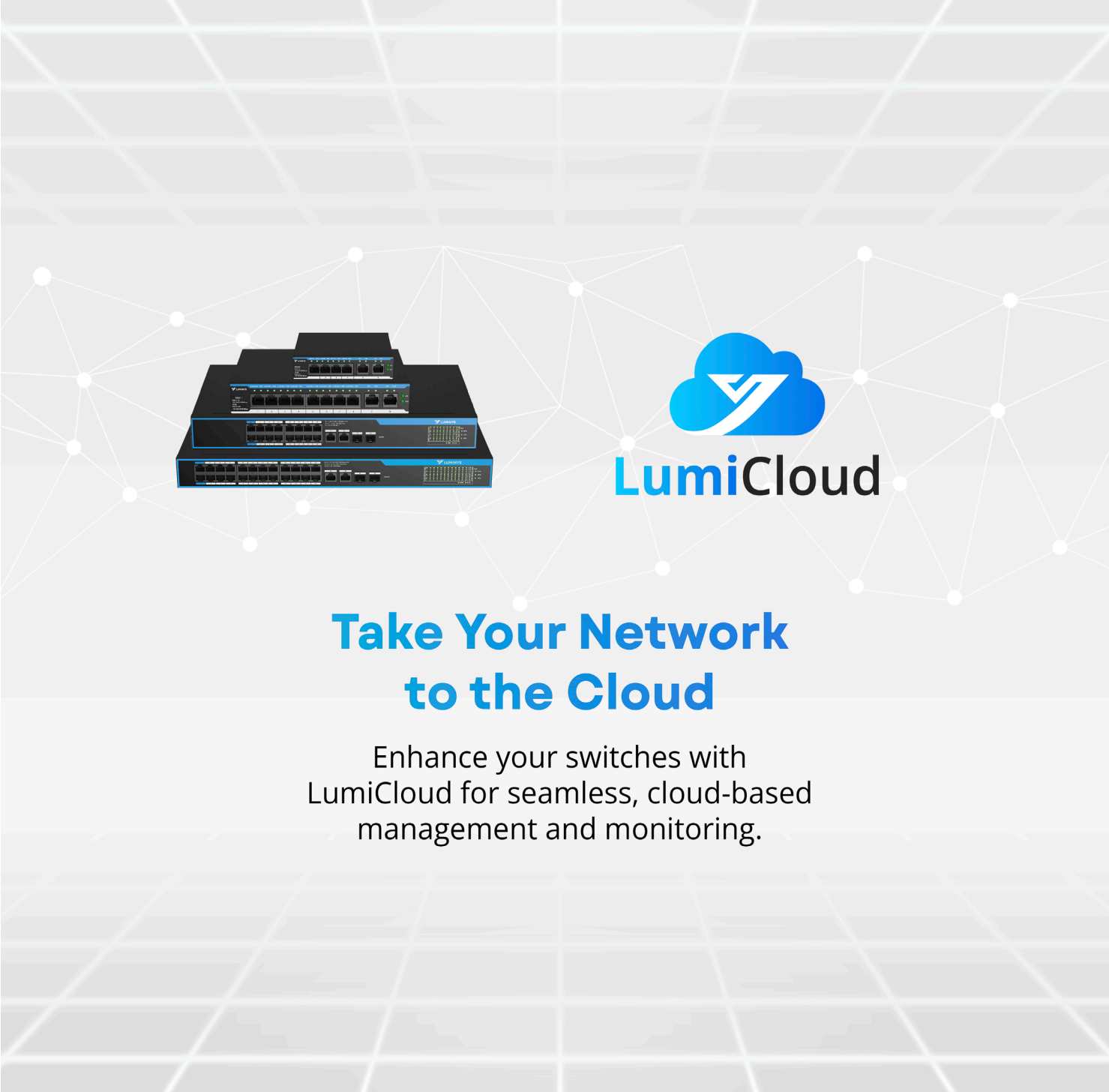
SML-20GPA



SML-28GPA

Description	4-Port PoE+ Gigabit Managed Cloud Switch	8-Port PoE++ Gigabit Managed Cloud Switch	16-Port PoE++ Gigabit Managed Cloud Switch	24-Port PoE++ Gigabit Managed Cloud Switch
Port Configuration	4 PoE Ports + 2 RJ45 Uplink Ports	8 PoE Ports + 2 RJ45 Uplink Ports	16 PoE Ports + 4 Uplink Ports (2 SFP, 2 RJ-45)	24 PoE Ports + 4 Uplink Ports (2 SFP, 2 RJ-45)
SFP Optical Ports	-	-	2 x 100/1000 Mbps	2 x 100/1000 Mbps
PoE Standard	IEEE802.3af, IEEE802.3at (PoE+)	IEEE802.3af, IEEE802.3at (PoE+), IEEE802.3bt (PoE++)	IEEE802.3af, IEEE802.3at (PoE+), IEEE802.3bt (PoE++)	IEEE802.3af, IEEE802.3at (PoE+), IEEE802.3bt (PoE++)
PoE Budget	60 W	110 W	240 W	375 W
Switching Capacity	12 Gbps	20 Gbps	40 Gbps	56 Gbps
Packet Forwarding Rate	8.9 Mpps	14.8 Mpps	29.8 Mpps	42 Mpps
Packet Buffer Size	4.1 Mbit	4.1 Mbit	4.1 Mbit	4.1 Mbit
MAC Table Size	8,000	8,000	8,000	8,000
VLAN Number	32	32	32	32
Management	Web/Cloud-Based	Web/Cloud-Based	Web/Cloud-Based	Web/Cloud-Based
Lightning Protection	4 kV/2 kV	4 kV/2 kV	4 kV/2 kV	4 kV/2 kV
Operating Temperature	14°F to 131 °F	14 °F to 131 °F	14 °F to 131 °F	14 °F to 131 °F
Dimensions	5.1 × 3.5 × 1.0 in.	7.5 × 4.2 × 1.2 in.	17.3 × 8.7 × 1.7 in.	17.3 × 8.7 × 1.7 in.
LumiPoE	PoE Watchdog, Long Distance PoE, Perpetual PoE, PoE Priority Management			
LumiCloud				

When long-distance PoE is enabled, port speed is limited to 10Mbps.



Take Your Network to the Cloud

Enhance your switches with LumiCloud for seamless, cloud-based management and monitoring.




LumiCloud Add-Ons

SKU	Add-On	Description
LCL-SW100	LumiCloud Switch 100 Devices	A one-year license for cloud-based management of up to 100 devices.



07 **Accessories**



MODEL	S-1515A
DESCRIPTION	LCE-BASV
 Key Features	IP Speaker
	- Power Consumption 15w
	- Max Sound Pressure Level: 108db,
	Snr ≥75db
	- Built-In Microphone
	- Maximum Connection Distance Up To 100 Meters (328ft)
	- Aviation Aluminum Material

Pole & Corner Mounts		
Accessory Image	Part Number	Description
	N3/N5-P01	Pole Mount Bracket
	P01	Pole Mount Bracket for N3/N5/N9/P4/P5 Series Cameras
	C01	Corner Mount Bracket






Wall Mount Brackets

Accessory Image	Part Number	Description
	N5D/N5T/N3T-W01	White Wall Mount Bracket for N5D/N5T/N3T Cameras
	N5D/N5T/N3T/P45/P5-W01	Wall Mount Bracket for N5D/N5T/N3T/P45/P54/P55 Cameras
	P44-W01	Wall Mount Bracket for P44 PTZ
	N9F-W01	Wall Mount Bracket for N9F Cameras
	N5T/N5P-W01	Black Wall Mount Bracket for N5T/N5P Cameras
	N5T/N5P-W01B	Black Wall Mount Bracket for N5T/N5P Cameras






Ceiling Mounts

Accessory Image	Part Number	Description
	N5D/N5T/N3T/N5P-E01	Ceiling Mount Bracket for N5D/N5T/N3T/N5P Cameras
	N9F/P4/P5-E01	Ceiling Mount Bracket for N9F/P44/P45/P54/P55 Cameras


Junction Boxes

Accessory Image	Part Number	Description
	N5B-J01	Junction Box for N5B Cameras
	N5D/N5T/N3T-J01	Junction Box for N5D/N5T/N3T Cameras
	N9F-J01	Junction Box for N9F Cameras
	N5T/N5P-J01	Junction Box for N5T/N5P Cameras
	N5T/N5P-J01B	Black Junction Box for N5T/N5P Cameras

Junction Boxes

Accessory Image	Part Number	Description
	N5D/N5T/N3T-A01	Adapter Plate for N5D/N5T/N3T Cameras
	N5T/N5P-A02	Adapter Plate for N5T/N5P Cameras
	N9F-A01	Adapter Plate for N9F Cameras
	P44-A01	Adapter Plate for P44 PTZ
	P45/P54/P55-A01	Mount Adapter for N5D/N5T/N3T Cameras

Power & Other Accessories

Accessory Image	Part Number	Description
	P55/P54/P45-D01	Power Box for P55/P54/P45 Series PTZ

Additional Catalog Notes

Looking for Compatibility?
Use our Online Selector Tool to find the right accessories for your system.
Visit: <https://www.luminyscorp.com/products/accessories>



08 LumiGuardian

LumiGuardian Solar Trailer Overview

LUMICLOUD

LUMICENTER






NETWORK CAMERA

NETWORK VIDEO RECORDER

LumiGuardian Solar Trailer Overview

- ✓ Integrated Cloud-Based Recording with LumiCloud*
- ✓ GPS Tracking**
- ✓ 4G LTE communication with built-in eSIM card***
- ✓ Autonomous Power for 7 to 10 Days Without Sun****
- ✓ One-Person Fast Assembly
- ✓ Four (4) 12.8V Lithium Iron Phosphate Batteries
- ✓ Dual Charging: Solar Power or AC Charging
- ✓ Lockable and Secure Design
- ✓ C5-I Corrosion Protection
- ✓ Level 12 (Up to 73 mph) on the Beaufort Wind Scale
- ✓ IP67 Ingress Protection
- ✓ Department of Transportation (DoT) Approved
- ✓ NDAA Compliant

Remote monitoring and management platform for LumiGuardian:

-  Real-time Monitoring
-  Event-based Video Recording
-  System and Device Health Monitoring
-  Alerts and Notifications
-  Data and Reporting

Warranty

Trailer	Solar Panels
Three (3) Years	Thirty (30) Years

* LumiCloud platform for cloud-based recording is sold separate.
** GPS tracking is only available when using LumiCloud.
***Data plan sold separately.
****Time may vary based on energy consumption.

LumiGuardian (Model TG-113A)
LumiCloud Solar Trailer License (LCL-ST4)
Select the data package that works for your needs. Sold separately.

Features		Trailer License
SKU		LCL-ST4
License & Subscription	Subscription Length	1 Year
General Function	Secure Remote Connection	Y
	Device Registration via QR	Y
	LiveView	Y
	Playback from local storage	Y
	Device management	Y
Interactive Management & Monitoring	Solar Information	Y
	Site Map	Y
	Channel configuration	Y
Cloud Storage	Event cloud storage	Y
	Permanent Archive (Max 30 GB)	Y
Event and Alert	Event record on local storage	Y
	Event cross platform Alert	Y
	iMD Event	Y
	VCA Event	Y
User Function	User control	Y
	Video/Event Sharing	Y
System Function	Device online Status	Y
	OTA firmware	Y
	Software upgrade	Y
	Health Alerts	Y

ACCESS CONTROL

TRANSMISSION

ACCESSORIES

LUMIGUARDIAN

LumiCloud Data Packages

LumiCloud Cellular Data Subscription

Supports AT&T, Verizon and T-Mobile cellular networks in USA.
Supports Rogers, Bell and Telus cellular networks in Canada.



Description	SKU
LumiCloud 4G Data 10GB USA: 1 month	LCL-DATA10GU
LumiCloud 4G Data 100GB USA: 1 month	LCL-DATA100GU
LumiCloud 4G Data 200GB USA: 1 month	LCL-DATA200GU
LumiCloud 4G Data 100GB USA: 6 months	LCL-6DATA100GU
LumiCloud 4G Data 200GB USA: 6 months	LCL-6DATA200GU
LumiCloud 4G Data 100GB USA: 12 months	LCL-12DATA100GU
LumiCloud 4G Data 200GB USA: 12 months	LCL-12DATA200GU
LumiCloud 4G Data 10GB Canada: 1 month	LCL-DATA10GC
LumiCloud 4G Data 100GB Canada: 1 month	LCL-DATA100GC
LumiCloud 4G Data 200GB Canada: 1 month	LCL-DATA200GC
LumiCloud 4G Data 100GB Canada: 6 months	LCL-6DATA100GC
LumiCloud 4G Data 200GB Canada: 6 months	LCL-6DATA200GC
LumiCloud 4G Data 100GB Canada: 12 months	LCL-12DATA100GC
LumiCloud 4G Data 200GB Canada: 12 months	LCL-12DATA200GC

LumiCloud Features

- Secure Remote Connection
- Add Device via QR Code
- User Roles
- Remote Monitoring & Live Status
- Simplified Configuration Processes
- Comprehensive Reports
- Real-time Network Health Monitoring
- AI Notifications for Events
- Live & Recorded video Playback
- GPS Location & Mapping

Luminys Systems Corporation

Luminys Systems Corporation leads the way in helping businesses build smart, sustainable, and secure ecosystems with integrity. Connected solutions and services offer safety, insight, intelligence, and operational efficiency.

With a focus on ingenuity and exceptional customer support, Luminys delivers future-ready products that adapt to the evolving needs of various industries. As a U.S.-based subsidiary of Foxlink, a global leader in electronics manufacturing, Luminys is trusted by customers and partners worldwide to deliver advanced technology solutions and services shaping a sustainable, smarter future.

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