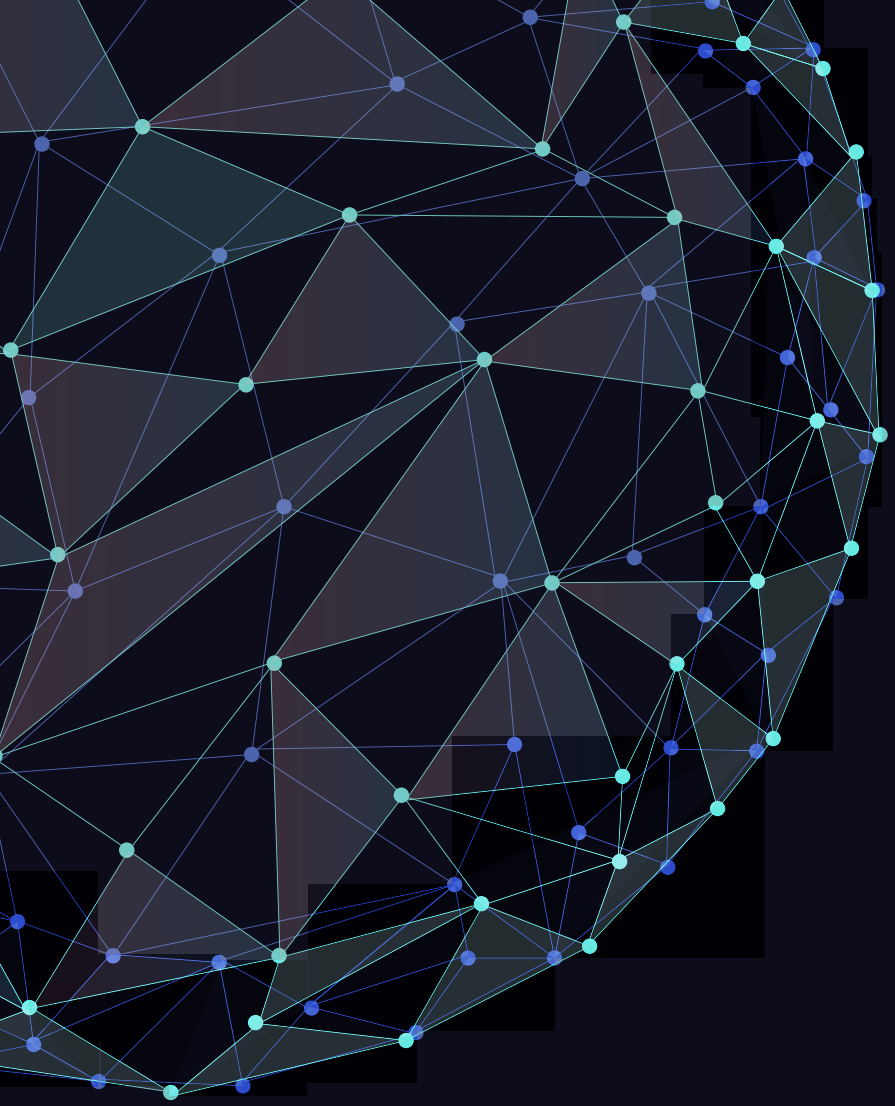


NEW

Introducing

EDGE+ **Next Gen Cloud Camera**

3-Clicks Installation, ONVIF Ready, No NVR, No License Required

TURING

PRODUCT CATALOG

2023

turing.ai

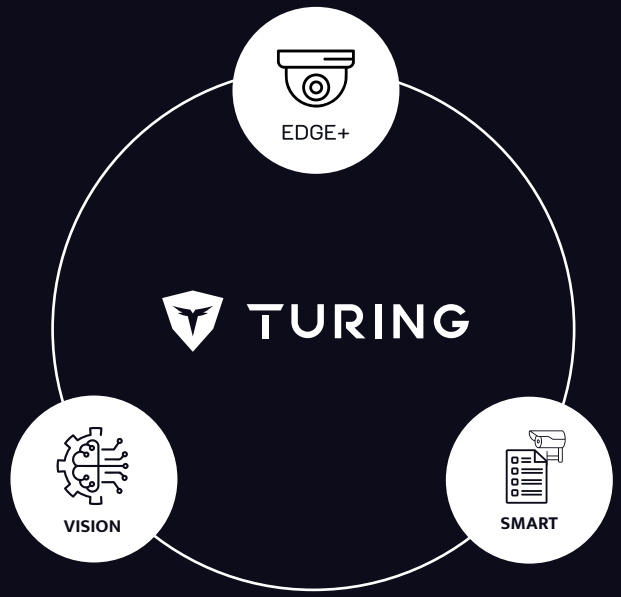
T[illegible]-PRD-CATALOG-23-35, Printed 03/16

Next Generation Camera Platform

Turing was founded on innovation – and that drives us to deliver the most advanced AI-driven video surveillance and workplace safety solutions available in the market. Our industry-leading, NDAA-compliant products offer customers a full view of their business to transform their safety, security, and analytic capabilities. All solutions can be monitored from a centralized management platform to deliver the most comprehensive system for safety, security, and analytics.

Our extensive North American team offers regionalized hands-on sales and product support. Every team member is focused on our partners and on delivering the most cutting-edge solutions and support. We know your partnership is critical to our success, and our products and program were developed to support your entire sales process.

In our product catalog you will find the latest in NDAA-compliant surveillance technology including our EDGE+ and Smart Series IP cameras and NVRs. They can be paired with our Turing Vision AI-analytics platform, which features a large variety of highly intelligent AI algorithms.



AI

MVP

SIA NEW PRODUCTS + SOLUTIONS AWARDS

1 EDGE+ TURING VISION

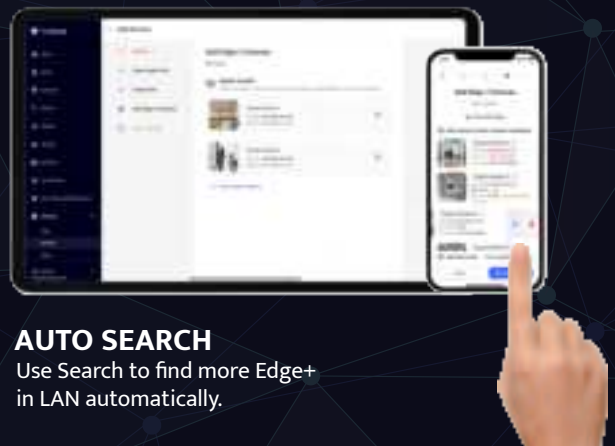
EDGE+ Series Cloud Camera w/ CORE AI License

The Turing Edge+ cloud cameras offer true direct-to-cloud video security without the need for any additional peripherals. With onboard analytics and storage, the Edge+ combines unparalleled convenience and compatibility with the already versatile Turing Vision cloud VMS and CORE AI.

- Cloud VMS included
- Smart VSaaS event search & clips w/ included TV-CORE1Y
- Direct-to-cloud without the need for NVR or bridge
- Onboard microSD storage included

+ 3-Clicks, Fastest Installation on the Market

SCAN
Scan a QR Code or enter a MAC Address.



AUTO SEARCH
Use Search to find more Edge+ in LAN automatically.

BATCH ADD
"Add & Activate" all cameras with one click.

TAA COMPLIANT

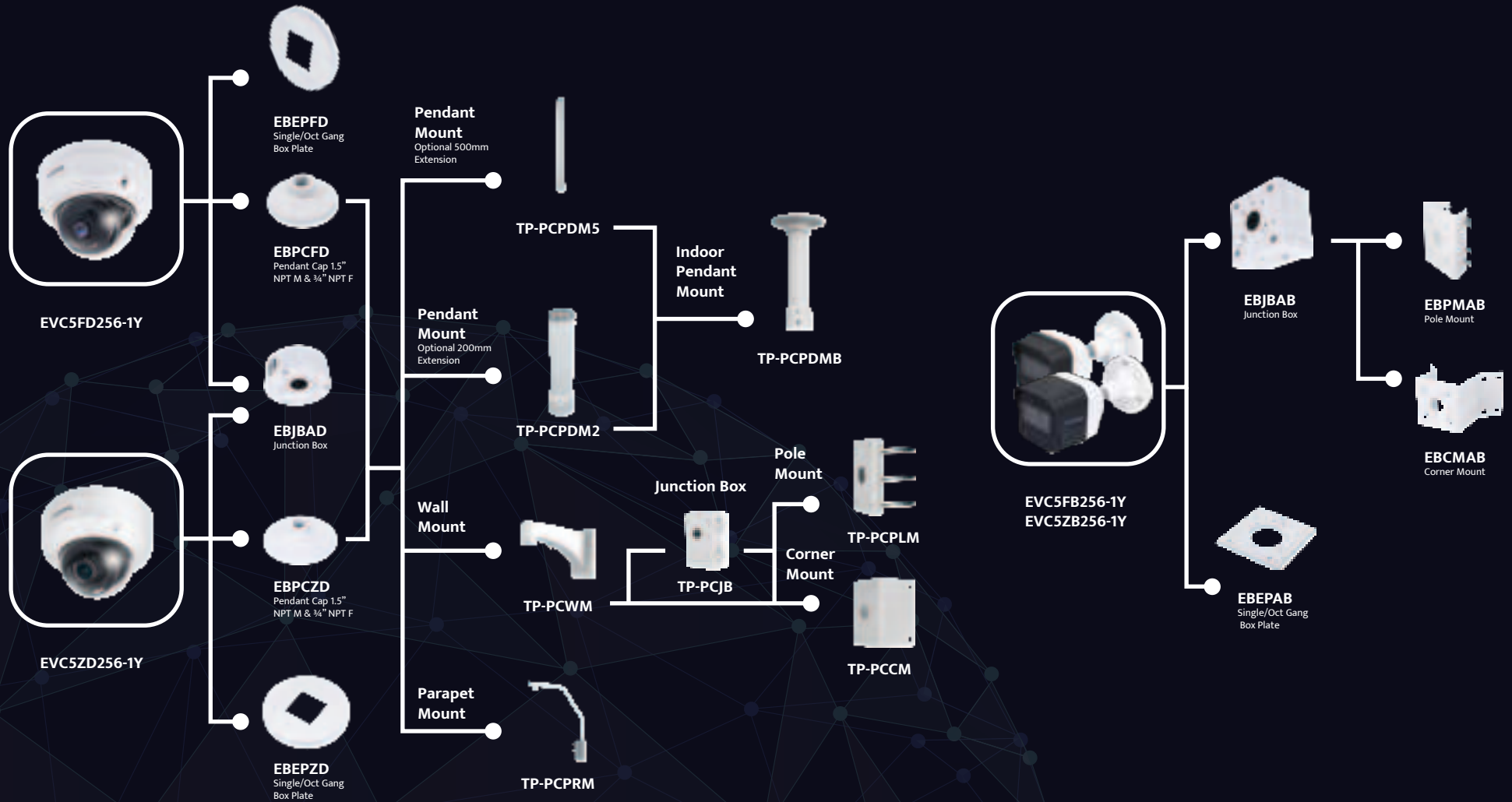
NDAA COMPLIANT

EDGE+ Series Cloud Camera w/ CORE AI License

The Turing Edge+ cloud cameras offer true direct-to-cloud video security without the need for any additional peripherals. With onboard analytics and storage, the Edge+ combines unparalleled convenience and compatibility with the already versatile Turing Vision cloud VMS and CORE AI.

Model	EVC5FD256-1Y	EVC5ZD256-1Y	EVC5FB256-1Y	EVC5ZB256-1Y
Resolution	5MP (2880x1620)	5MP (2880x1620)	5MP (2880x1620)	5MP (2880x1620)
Lens Focal Length	2.8mm	2.7~13.5mm	2.8mm	2.7~13.5mm
Field of View (H)	111°	111°~34°	111°	111°~34°
Lens Aperture	F1.6	F1.6~3.3	F1.6	F1.6~3.3
Max IR LED Range	98ft (30m)	98ft (30m)	98ft (30m)	98ft (30m)
WDR	120 dB True WDR	120 dB True WDR	120 dB True WDR	120 dB True WDR
Audio I/O	Line In/Out	Line In/Out	Line In/Out	Line In/Out
Onboard Storage	WD Purple 256GB Incl.	WD Purple 256GB Incl.	WD Purple 256GB Incl.	WD Purple 256GB Incl.
Environmental Protection	IP66, IK10	IP66, IK10	IP66, IK10	IP66, IK10
Certification	CE, FCC	CE, FCC	CE, FCC	CE, FCC

EDGE+ Cloud Camera Mounting Accessories



2 TURING VISION

Cloud VMS and Core AI

Features & Benefits

Turing Vision is the industry-leading safety and security video platform. It's AI-enabled, cloud-based platform allows you to search, be alerted, and analyze detection patterns across multiple locations.

Turing Vision allows you to improve operational efficiencies, increase safety, and get the most out of your camera infrastructure investments.

Setup in Seconds, Easy to Use

Fast and accurate search, Powered by AI

Share and distribute key clips to stakeholders

Archive and backup important clips to the cloud for future reference

Create accurate smart alerts for incident prevention

Experience the Power of the Cloud

Easily access multiple sites from anywhere and on any device

Evidence data is stored across the cloud for redundancy and reliable retrieval

Complies with regulatory mandates for data privacy

Flexible Integration with New and Existing IP Cameras

Seamlessly integrate with existing infrastructure and take advantage of the cloud

Turn existing third-party cameras into Smart AI cameras

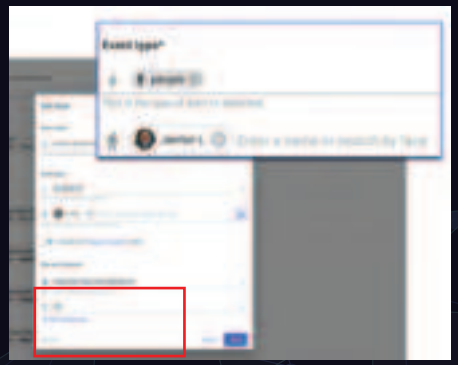
Effortless Remote Maintenance

Manage and upgrade your systems remotely

Comprehensive training and support

Better Safety and Security, Powered by AI

Through leveraging advanced AI, Turing Vision allows you to find, capture, and send security clips in seconds.
In addition, you can share and distribute key clips to stakeholders and create smart alerts for incident prevention.

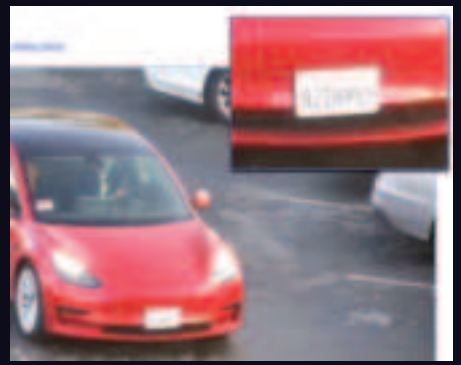


Customized Smart Alerts

Quickly setup AI-powered Smart Alerts based on an individual's face*, people attributes or vehicle attributes such as license plate number, color, make, or body type. Lastly, receive notification through email, SMS and mobile push.

Vehicle Attribute Search

Easily Search by vehicle color, make and body type.



License Plate Recognition

Capture vehicle attributes and license plates with one camera. Search by a license plate number. Flag detected license plates for future alerts, or exclude whitelist license plates from alerts.

Face Search

Accurate face recognition that allows you to create face profile to search for an individual easily.

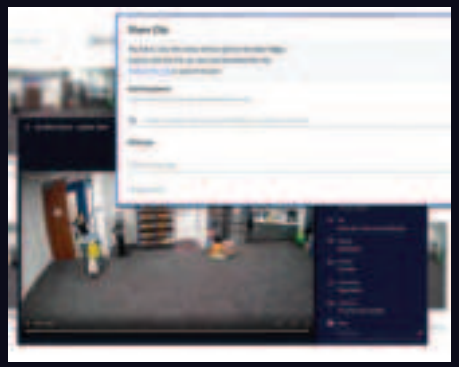
People Attribute Search

Easily Search based on an individual's face*, or non-biometric attribute such as color of attire, long/short sleeves, and accessories such as hat.

*Activation depends on state regulations and the compliance with Biometric information Protection Act (BIPA). Please refer to our privacy policy.

Cloud-Based Platform Benefits

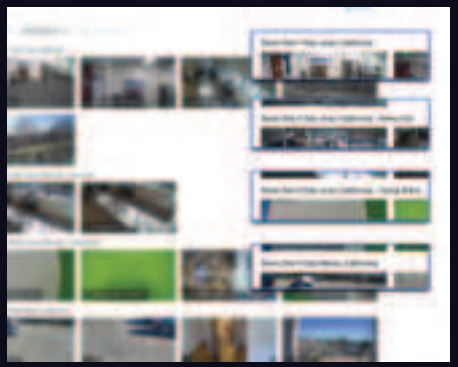
Experience the power of the cloud, Turing Vision allows you to archive and backup important clips to the cloud for future reference. Option to store 24/7 video footage offsite in the cloud. Easily access multiple sites from anywhere and on any device. Lastly, manage and upgrade your system remotely.



Cloud Archive and Share

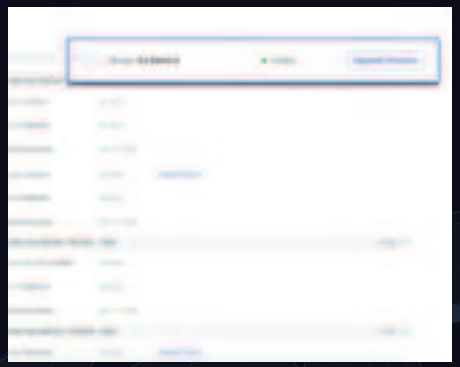
Archive and save important detection event video clips or snapshots indefinitely in the cloud for redundancy and reliable retrieval*. Share and distribute key clips to stakeholders.

*Continuous active subscription required.



Centralized Monitoring

Easily access multiple sites (live view and replay camera recordings) from any location and on any device.



OTA Firmware Upgrade

Quickly manage and upgrade your system from anywhere by running OTA (Over the Air) system/firmware upgrades, setting up camera detection regions, and other settings.

Remote Device Management

Through the Device Management Dashboard, actively monitor the status of your cameras, NVR, and Turing Bridge.

Cloud Subscription License Details

Available Features

1. **Cloud Live View, Playback, and Download**
2. **Remote Device Management, Device Health Monitoring & Log**
3. **On-Site and Cloud Storage* Options**
4. **Secure Connection without Port-Forwarding**
5. **Role-Based Access Control, IoT Connection & 3rd-Party Integrations**

		Turing Cameras with Turing Vision	Turing Cameras with Turing Vision & CORE License
Cloud VMS Features	Live View Sharing	✗	✓
	Event-Based Search Results	✓	✓
	Event / Alert Dashboard	✓	✓
	OTA Firmware Updates	✓	✓
	Active Directory and SSO Support	✓	✓
AI Features	Basic Alerts & Notifications for People / Vehicle Objects	✓ Push Notifications Only	✓ Push, SMS, & Email Notifications
	Intelligent Alerts & Notifications for People / Vehicles based on Attributes	✗	✓
	Face Search & Person Attribute Search**	✗	✓
	License Plate Recognition & Vehicle Attribute Search	✗	✓
	Events Combining 3rd-Party Integrations with AI	✗	✓
	Event Clips Sharing	✗	✓
	Cloud Event Retention	7 Day Snapshot	30 Day Video Clip***
	Cloud Video Archiving	✓	✓
		Turing Cameras Connected to Turing Vision	**Turing Cameras Connected to Turing Vision w. CORE License**
Warranty	Factory Hardware Warranty	**3 YEARS**	**3 YEARS**
	Extended Hardware Warranty	**N/A**	**Up to 10 Years** (w. an Active and Continuous License)

TURING | ONVIF

*Up to 180 Days of Cloud Storage Available
** Activation depends on state regulations and the compliance with Biometric Information Protection Act (BIPA). Please refer to our privacy policy.
***Up to 180 Days of Event Retention Available

More Info : https://turing.ai/legal/warranty

Elevate Your Business with Turing Partner Portal

Turing Partner Portal will elevate your business by driving sales, keeping you informed, providing easy customer device management, and a secure way to track and manage licenses and subscriptions.

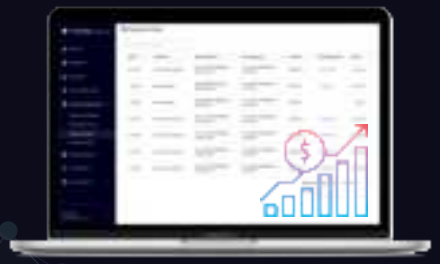
Stay Informed

Utilize our wide array of helpful sales and marketing resources, including sales tools, current promotions, technical guides, campaigns, and decks. Gain access to Turing University to get educated on all the features and functions of Turing Products.

Improve Efficiency

Create and manage customer accounts, monitor device health, upgrade firmware, manage licenses, and request admin access for additional support and troubleshooting, all done remotely to maximize efficiency.

Increase Revenue Streams



Eliminate upfront licensing costs & capture post-installation sales with Turing Customer Subscription.
Make recurring shared revenues with hassle-free auto renewals and have peace of mind with secure PCI compliant online transactions.

Partner App

Coming soon

With Partner App, onsite installation and troubleshooting have never been easier. Maximize productivity, reduce downtime, and increase customer satisfaction with the convenience of the Partner App at your fingertips.

Vertical Solutions

Turing Vision Hybrid Cloud Solution is widely applied into different verticals and proves its value to customers by increasing video search efficiency with AI, saving time to learn with super easy to use GUI, and eliminating cost on maintenance with its cloud-based architecture.

	Education	Retail	Quick Service Restaurants	Property Management	Place of Worship	Hotels	Healthcare	Cannabis	Banking
+ People analytics + real-time alerts + Search events via people attributes	✓	✓	✓	✓	✓	✓	✓	✓	✓
+ Vehicle analytics + real-time alerts + Search events via vehicle attributes	✓	✓	✓	✓		✓	✓	✓	✓
+ Instant share live view link vis SMS or Email	✓ **a.** Share live streaming with Police Department when emergency happens **b.** Sports/Event broadcast	✓ **a.** Share live streaming with Police Department when emergency happens	✓ **a.** Share live streaming with Police Department when emergency happens	✓ **a.** Share live streaming with Police Department when emergency happens	✓ Events broadcast	✓ **a.** Share live streaming with Police Department when emergency happens	✓ **a.** Share live streaming with Police Department when emergency happens	✓ **a.** Share live streaming with Police Department when emergency happens	✓ **a.** Share live streaming with Police Department when emergency happens
+ Hybrid Cloud Storage to meet Video retention compliance								✓	✓
+ Multi-Sites and User management (SSO/SAML Integration)	✓	✓	✓	✓		✓		✓	✓
+ 3rd party Access control Integration	✓	✓	✓	✓	✓	✓	✓	✓	✓

Supercharge Your Access Control with Videos

VIEW ALL YOUR ACCESS CONTROL SITES FROM ONE CENTRALIZED LOCATION

Easily manage and simplify your security workflow with all your access control sites on one centralized platform.

INVESTIGATE ACCESS EVENTS FAST WITH TIED VIDEO

Experience the power of Turing's filtering capabilities - effortlessly track and search for any entrance or exit access events tied with video footage.

INSTANTLY VIEW, DOWNLOAD, AND ARCHIVE EVENTS

Streamline your security process by having instant access to important footage and the ability to view, download, share, or archive it.

3 TURING VISION

Smart Series

SMART Series IP Cameras w/ CORE AI License

Turing offers a full line of NDAA-compliant IP cameras that perfectly compliment our comprehensive cloud offering. On-the-edge person and vehicle detection AI can be found from regular low-light cameras to high-speed PTZs, enabling a highly efficient experience while searching for incidents or persons of interest. All Turing Smart Series cameras are compatible with CORE AI license.*

TwilightVision

- Superior Low Light
- True WDR
- IP67
- Onboard AI

A majority of Turing SMART series cameras are equipped with the TwilightVision super low light technology. With built-in IR illuminators, these cameras can detect persons and vehicles and store events in the Turing Vision cloud even in poorly-lit environments.

Superior low-light performance

VibrantView

- Color Low Light
- True WDR
- Warm Light LED
- Onboard AI

VibrantView cameras feature large and highly sensitive image sensors along with supplemental visible light LED. Full color images in low light show clothing and vehicle colors, perfect for attribute searches on the Turing Vision cloud in any lighting condition.

Vibrant colors anywhere, anytime

Dual-Light Active Deterrence

- IR & Warm Light
- True WDR
- Audio Alerts
- Onboard AI

"Active Deterrence" cameras are fully capable of giving visual and audio warnings for true loss prevention. The additional "dual-light" system also provide advantages of both IR and visible lights at night.

Loss prevention realized

Pan-Tilt-Zoom

- Superior Low Light
- Long Range IR
- Smart Tracking
- Onboard AI

A variety of PTZ cameras are offered for applications that need to both cover an open area and zoom in to detail when needed. Onboard AI is available to accurately capture events for cloud event storage and searches.

Smart, flexible, quick

SMART Series IP Turrets - **TwilightVision™**

A majority of Turing Smart Series Cameras come equipped with the **TwilightVision** superior low light technology. Complemented by strong IR illuminators and 120 dB true WDR, the **TwilightVision** series excels in a variety of lighting conditions. All Smart Series cameras include intelligent people and vehicle filters which accurately give intrusion notifications as well as saves storage space from false alarms.

Model Camera Only / w/ TV-CORE1Y	**TP-MED4M28(4)** **TP-MED4M28-1Y**	**TP-MED8M28** **TP-MED8M28-1Y**	**TP-MVD4MV2** **TP-MVD4MV2-1Y**	**TP-MVD8MV2** **TP-MVD8MV2-1Y**
Feature Set	TwilightVision	-	TwilightVision	TwilightVision
Max Resolution & Frame Rate	4MP (2688x1520), 30 FPS	8MP (3840x2160), 20 FPS	4MP (2688x1520), 30 FPS	8MP (3840x2160), 20 FPS
Focal Length	TP-MED4M28: 2.8mm TP-MED4M4: 4mm	2.8mm	2.7~13.5mm	2.8~12mm
Angle of View (H)	TP-MED4M28: 101.1° TP-MED4M4: 83.7°	112.4°	98.26°~ 31.35°	107.4°~ 29.2°
Min. Illumination (0 LUX w/ IR)	Color: 0.003 Lux (F1.6, AGC ON)	Color: 0.01Lux (F2.0, AGC ON)	Color: 0.002Lux (F1.2, AGC ON)	Color: 0.003 Lux (F1.6, AGC ON)
IR LED Range	Up to 30m (98ft)	Up to 30m (98ft)	Up to 40m (131ft)	Up to 40m (131ft)
WDR	120 dB True WDR	120 dB True WDR	120 dB True WDR	120 dB True WDR
Audio I/O	Microphone	Microphone	Microphone	Microphone
Onboard Storage	microSD up to 256GB	microSD up to 256GB	microSD up to 256GB	microSD up to 256GB
ONVIF Profiles	S, G, T	S, G, T	S, G, T	S, G, T
Power	12V DC, PoE (802.3af), 4.0W Max	12V DC, PoE (802.3af), 5.0W Max	12V DC, PoE (802.3af), 7.0W Max	12V DC, PoE (802.3af), 9.0W Max
Environmental Protections	IP67	IP67	IP67, IK10	IP67, IK10
Certifications	FCC, UL, CE	FCC, UL, CE	FCC, UL, CE	FCC, UL, CE

SMART Series IP Domes - TwilightVision™

A majority of Turing Smart Series Cameras come equipped with the **TwilightVision** superior low light technology. Complemented by strong IR illuminators and 120 dB true WDR, the **TwilightVision** series excels in a variety of lighting conditions. All Smart Series cameras include intelligent people and vehicle filters which accurately give intrusion notifications as well as saves storage space from false alarms.

Model Camera Only / w/ TV-CORE1Y	**TP-MFM4M28** **TP-MFM4M28-1Y**	**TP-MFD4A28(4)** **TP-MFD4A28-1Y**	**TP-MFD8M28** **TP-MFD8M28-1Y**	**TP-MMD4MV2** **TP-MMD4MV2-1Y**	**TP-MMD8MV2** **TP-MMD8MV2-1Y**
Feature Set	TwilightVision	TwilightVision	TwilightVision	TwilightVision	TwilightVision
Max Resolution & Frame Rate	4MP (2688x1520), 30 FPS	4MP (2688x1520), 30 FPS	8MP (3840x2160), 20 FPS	4MP (2688x1520), 30 FPS	8MP (3840x2160), 20 FPS
Focal Length	2.8mm	TP-MFD4A28: 2.8mm TP-MFD4A4: 4mm	2.8mm	2.7~13.5mm	2.8~12mm
Angle of View (H)	101.1°	TP-MFD4A28: 101.1° TP-MFD4A4: 83.7°	112.9°	98.26°~ 31.35°	107.4°~ 29.2°
Min. Illumination (0 LUX w/ IR)	Color: 0.003 Lux (F1.6, AGC ON)	Color: 0.003 Lux (F1.6, AGC ON)	Color: 0.003Lux (F1.6, AGC ON)	Color: 0.002 Lux (F1.2, AGC ON)	Color: 0.003 Lux (F1.6, AGC ON)
IR LED Range	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)	Up to 40m (131ft)	Up to 40m (131ft)
WDR	120 dB True WDR	120 dB True WDR	120 dB True WDR	120 dB True WDR	120 dB True WDR
Audio I/O	Mic. & I/O	I/O	Mic. & I/O	Mic. & I/O	Mic. & I/O
Onboard Storage	microSD up to 256GB	microSD up to 256GB	microSD up to 256GB	microSD up to 256GB	microSD up to 256GB
ONVIF Profiles	S, G, T	S, G, T	S, G, T	S, G, T	S, G, T
Power	12V DC, PoE (802.3af), 6.0W Max	12V DC, PoE (802.3af), 4.5W Max	12V DC, PoE (802.3af), 6.0W Max	12V DC, PoE (802.3af), 7.0W Max	12V DC, PoE (802.3af), 9.0W Max
Environmental Protections	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10
Certifications	FCC, UL, CE	FCC, UL, CE	FCC, UL, CE	FCC, UL, CE	FCC, UL, CE

SMART Series IP Bullets - TwilightVision™

A majority of Turing Smart Series Cameras come equipped with the **TwilightVision** superior low light technology. Complemented by strong IR illuminators and 120 dB true WDR, the **TwilightVision** series excels in a variety of lighting conditions. All Smart Series cameras include intelligent people and vehicle filters which accurately give intrusion notifications as well as saves storage space from false alarms.

Model Camera Only / w/ TV-CORE1Y	**TP-MFB4M28(4)** **TP-MFB4M28-1Y**	**TP-MMB2AV5L** **TP-MMB2AV5L-1Y**	**TP-MMB4AV2** **TP-MMB4AV2-1Y**	**TP-MMB8AV2** **TP-MMB8AV2-1Y**
Feature Set	TwilightVision	TwilightVision	TwilightVision	TwilightVision
Max Resolution & Frame Rate	4MP (2688x1520), 30 FPS	2MP (1920x1080), 60 FPS	4MP (2688x1520), 30 FPS	8MP (3840x2160), 20 FPS
Focal Length	TP-MFB4M28: 2.8mm TP-MFB4M4: 4mm	5~50mm	2.7~13.5mm	2.8~12mm
Angle of View (H)	TP-MFB4M28: 101.1° TP-MFB4M4: 83.7°	55.87°~ 4.71°	98.26°~ 31.35°	107.4°~ 29.2°
Min. Illumination (0 LUX w/ IR)	Color: 0.003 Lux (F1.6, AGC ON)	Color: 0.02Lux (F1.6, AGC ON)	Color: 0.002Lux (F1.2, AGC ON)	Color: 0.003 Lux (F1.6, AGC ON)
IR LED Range	Up to 40m (131ft)	Up to 100m (328ft)	Up to 50m (164ft)	Up to 50m (164ft)
WDR	120 dB True WDR	120 dB True WDR	120 dB True WDR	120 dB True WDR
Audio I/O	Microphone	I/O	I/O	I/O
Onboard Storage	microSD up to 256GB	microSD up to 256GB	microSD up to 256GB	microSD up to 256GB
ONVIF Profiles	S, G, T	S, G, T	S, G, T	S, G, T
Power	12V DC, PoE (802.3af), 4.0W Max	12V DC, PoE (802.3af), 13.0W Max	12V DC, PoE (802.3af), 8.5W Max	12V DC, PoE (802.3af), 10.5W Max
Environmental Protections	IP67	IP67	IP67, IK10	IP67, IK10
Certifications	FCC, UL, CE	FCC, UL, CE	FCC, UL, CE	FCC, UL, CE

SMART Series IP Cameras - **VibrantView™**

The **VibrantView** network cameras are equipped with low aperture lenses, low-light sensors, and powerful warm light LED that produce color video in scenes with little to no ambient light. This not only greatly increases the ability to identify a person or vehicle in the dark, but also makes attribute searches in Turing Vision significantly more effective. All Smart Series cameras include intelligent people and vehicle filters which accurately give intrusion notifications as well as saves storage space from false alarms.

Model Camera Only / w/ TV-CORE1Y	**TP-MED4M28C** **TP-MED4M28C-1Y**	**TP-MFB5A4C** -	**TP-MED8M28C** **TP-MED8M28C-1Y**	**TP-MFB8M4C** **TP-MFB8M4C-1Y**
Feature Set	VibrantView	VibrantView	VibrantView	VibrantView
Max Resolution & Frame Rate	4MP (2688x1520) 30 FPS	5MP (2880x1620), 30 FPS	8MP (3840x2160), 30 FPS	8MP (3840x2160), 30 FPS
Focal Length	2.8mm	4mm	2.8mm	4mm
Angle of View (H)	108.6°	80.2°	110.2°	94.3°
Min. Illumination (0 LUX w/ IR)	Color: 0.0005 Lux (F1.0, AGC ON)	Color: 0.001 Lux (F1.0, AGC ON)	Color: 0.0005 Lux (F1.0, AGC ON)	Color: 0.0005 Lux (F1.0, AGC ON)
IR LED Range	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)
WDR	120 dB True WDR	120 dB True WDR	120 dB True WDR	120 dB True WDR
Audio I/O	Microphone	I/O	Mic, I/O	Mic, I/O
Onboard Storage	**microSD up to 256GB**	microSD up to 256GB	microSD up to 256GB	microSD up to 256GB
ONVIF Profiles	S, G, T	S, G, T	S, G, T	S, G, T
Power	12V DC, PoE (802.3af), 9.0W Max	12V DC, PoE (802.3af), 9.0W Max	12V DC, PoE (802.3af), 11W Max	12V DC, PoE (802.3af), 11W Max
Environmental Protections	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10
Certifications	FCC, UL, CE	**FCC, UL, CE**	FCC, UL, CE	FCC, UL, CE

SMART Series IP Cameras - **Dual-Light**

The **Dual-Light** cameras combine the best of IR and warm-light cameras, using invisible IR supplement light to detect people and vehicles, then switches to a short-range warm light once valid intrusion has been detected. The included active deterrence feature is also capable of giving visual and audio warnings through built-in speakers for true loss prevention.

Model Camera Only / w/ TV-CORE1Y	**TP-MBAD4M28** **TP-MBAD4M28-1Y**	**TP-MEAD4M28** **TP-MEAD4M28-1Y**	**TP-MBAD8M28** **TP-MBAD8M28-1Y**	**TP-MEAD8M28** **TP-MEAD8M28-1Y**
Feature Set	Dual-Light Active Deterrence	Dual-Light Active Deterrence	Dual-Light Active Deterrence	Dual-Light Active Deterrence
Max Resolution & Frame Rate	4MP (2688x1520), 30 FPS	4MP (2688x1520), 30 FPS	8MP (3840x2160), 20 FPS	8MP (3840x2160), 20 FPS
Focal Length	2.8mm	2.8mm	2.8mm	2.8mm
Angle of View (H)	101.1°	101.1°	112.4°	112.4°
Min. Illumination (0 LUX w/ IR)	Color: 0.003 Lux (F1.6, AGC ON)	Color: 0.003 Lux (F1.6, AGC ON)	Color: 0.01Lux (F2.0, AGC ON)	Color: 0.01Lux (F2.0, AGC ON)
IR LED Range **Warm Light LED Range**	Up to 30m (98ft) Up to 10m (32ft)	Up to 30m (98ft) Up to 10m (32ft)	Up to 30m (98ft) Up to 10m (32ft)	Up to 30m (98ft) Up to 10m (32ft)
WDR	120 dB True WDR	120 dB True WDR	120 dB True WDR	120 dB True WDR
Audio I/O	Mic, Speaker	Mic, Speaker	Mic, Speaker	Mic, Speaker
Onboard Storage	microSD up to 256GB	microSD up to 256GB	microSD up to 256GB	microSD up to 256GB
ONVIF Profiles	S, G, T	S, G, T	S, G, T	S, G, T
Power	12V DC, PoE (802.3af), 11.5W Max	12V DC, PoE (802.3af), 7.5W Max	12V DC, PoE (802.3af), 10.5W Max	12V DC, PoE (802.3af), 10.5W Max
Environmental Protections	IP67	IP67	IP67	IP67
Certifications	FCC, UL, CE	FCC, UL, CE	FCC, UL, CE	FCC, UL, CE

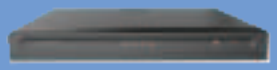
SMART Series IP PTZ Cameras

A variety of PTZ cameras are offered for applications that need to both cover an open area and zoom in to detail when needed. Onboard people and vehicle detection is available to accurately capture events for cloud event storage and searches. Each of the Smart series PTZ cameras comes with either **TwilightVision** or **Dual-Light** feature for improved low-light performance.

Model	**TP-MPND5MV2**	**TP-MPC4AV25**	**TP-MPC4AV33**
Feature Set	Dual-Light Active Deterrence	TwilightVision	TwilightVision
Max Resolution & Frame Rate	5MP (2880x1620), 30 FPS	4MP (2688x1520), 30 FPS	4MP (2688x1520), 30 FPS
Focal Length	2.8~12mm	25x, 4.8~120mm	33x, 4.5~148.5mm
Angle of View (H) **Pan / Tilt Range**	104.1 °~30.6 ° 345 / -10~110°	52.2 °~2.74 ° Endless / -15~90°	53.0 °~2.3 ° Endless / -15~90°
Min. Illumination (0 LUX w/ IR)	Color: 0.003 Lux (F1.6, AGC ON)	Color: 0.003Lux (F1.5, AGC ON)	Color: 0.003Lux (F1.5, AGC ON)
IR LED Range	IR: Up to 50m (164ft) Warm Light: Up to 10m (32ft)	Up to 100m (328ft)	Up to 150m (492ft)
WDR	120 dB True WDR	120 dB True WDR	120 dB True WDR
Audio I/O	Mic, Speaker	I/O	I/O
Onboard Storage	microSD up to 256GB	microSD up to 256GB	microSD up to 256GB
ONVIF Profiles	S, G, T	S, G, T	S, G, T
Power	12V DC, PoE (802.3at), 18.0W Max	12V DC, PoE (802.3at), 21.0W Max	12V DC, PoE (802.3at), 25.5W Max
Environmental Protections	IP66	IP67, IK10	IP67, IK10
Certifications	FCC, UL, CE	FCC, UL, CE	FCC, UL, CE

SMART Series VSaaS-Ready NVRs

Turing AI offers a variety of network video recorders that act both as local recorders and a gateway to the Turing Vision VSaaS. Each NVR comes bundled with a Turing Vision Bridge which is to be installed on the same network as the NVR and the Internet. This setup provides versatility for both Turing Smart Series cameras as well as legacy third party cameras.

Model	TR-MRP042T-B	TR-MRP082T-B	 TR-MRP164T-B	TR-MR32R-B	TR-M64R-B
Cloud Interface	**Turing Vision Cloud with Included Bridge Hardware**				
Max Recording Resolution	8MP	8MP	8MP	12MP	12MP
Max IP Camera Supported / POE Ports	4/4	8/8	16/16	32/0	64/0
Max POE Power Per Port / Total	30W / 54W	30W / 130W	30W / 240W	n/a	n/a
Incoming/ Outgoing Bandwidth	80 / 64 Mbps	80 / 64 Mbps	160 / 64 Mbps	384 / 384 Mbps	384 / 384 Mbps
Network Adapters	1 RJ45, 1Gbps Max	1 RJ45, 1Gbps Max	1 RJ45, 1Gbps Max	2 RJ45, 1Gbps Max	2 RJ45, 1Gbps Max
HDMI/VGA Output	HDMI: 4K, VGA: 1080P Simultaneous Outputs	HDMI: 4K, VGA: 1080P Simultaneous Outputs	HDMI: 4K, VGA: 1080P Simultaneous Outputs	HDMI 1&2 : 4K, VGA: 1080P 3 Independent Outputs	HDMI 1&2 : 4K, VGA: 1080P 3 Independent Outputs
SATA HDD Slots	1	2	2	4	8
Bundled HDD	2TB	2TB	4TB	n/a	n/a
Max Single HDD Size	6TB	10TB	10TB	10TB	10TB
Certifications	FCC, UL, CE	FCC, UL, CE	FCC, UL, CE	FCC, UL, CE	FCC, UL, CE

SMART SERIES

Mounting Accessories

TP-MFD4A28(4)
TP-MFD5A28(4)
TP-MFD8M28
TP-MFM4M28
TP-MED4M28(4)
TP-MED8M28
TP-MEAD4M28
TP-MEAD8M28

Junction Box — TP-EFDJB

Wall Mount (Junction Box) — TP-EFDWJ

Wall Mount — TP-EFDWM

Tilt Plate — TP-EFDTM

Gang Box Adapter — TP-EFDEP

Corner Mount — TP-WMCM

Pole Mount — TP-UDPM

TP-MMD8MV2
TP-MMD4MV2

Junction Box — TP-MDJB

Wall Mount (Junction Box) — TP-MDWJ

Wall Mount — TP-MDWM

In-Ceiling Mount — TP-MDRM

Gang Box Adapter — TP-MDEP

Corner Mount — TP-WMCM

Pole Mount — TP-UDPM

TP-MVD8MV2
TP-MVD4MV2

Junction Box — TP-VDJB

Wall Mount (Junction Box) — TP-VDWJ

Wall Mount — TP-VDWM

Corner Mount — TP-WMCM

Pole Mount — TP-UDPM

Any Dome / Turret

Junction Box — TP-EFDJB
TP-MDJB
TP-VDJB

Pendant Extension

TP-IPME2
(NPT 3/4 200mm)
Optional

TP-IPME5
(NPT 3/4 500mm)
Optional

Indoor Pendant Mount — TP-AIPMB
(NPT 3/4 200mm)

SMART SERIES

Mounting Accessories

TP-MFB4M28(4)
TP-MBAD8M28
TP-MBAD4M28

Junction Box

TP-FSBJB

Pole Mount

TP-UDPM

TP-WMCM

Corner Mount

Gang Box Adapter

TP-EFDEP

TP-MPC4AV25
TP-MPC4AV33

Pendant Mount
Optional 500mm Extension

TP-PCPDM5

Pendant Mount
Optional 200mm Extension

TP-PCPDM2

Indoor Pendant Mount

TP-PCPDMB

Wall Mount

TP-PCWM

Junction Box

TP-PCJB

Pole Mount

Corner Mount

TP-PCPLM

TP-PCCM

Parapet Mount

TP-PCPRM

TP-UWPJ
¾" Cable Gland

TP-MPN5MV2
TP-MFB4A4C
TP-MFB8M4C
TP-MMB4AV2
TP-MMB8AV2

Junction Box

TP-FCBJB

Pole Mount

TP-UDPM

TP-WMCM

Corner Mount

TP-MMB2AV5L
(Junction Box Incl.)

Pole Mount

TP-UDPM

TP-WMCM

Corner Mount

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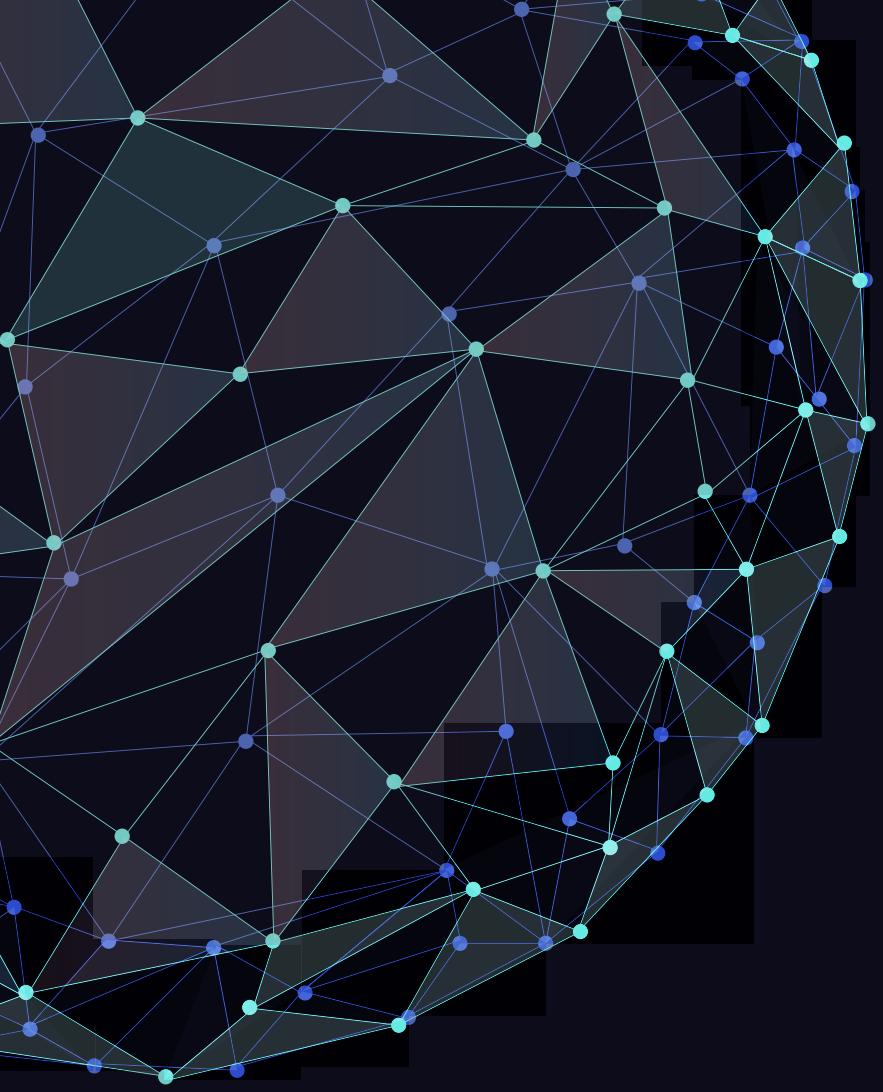

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