



AURORA

Communication Technologies

- 3** About and intro
- 4** Partner Program
- 5** Solutions Overview
- 6** ionosphere
- 7** isap Intelligent Video Management System
- 8** Access Control
- 9** Recording and Storage system and workstations
- 11** Network Cameras and Accessories
- 12** IT Infrastructure
- 16** Active Networking Solutions
- 17** Professional Audio and Video Systems



About Us

Aurora Communication Technologies delivers end-to-end Security and IT Infrastructure solutions. Headquartered in Ontario, Canada, and founded by industry leaders with decades of experience on some of the world's largest and most complex projects, Aurora offers one of the most comprehensive solution portfolios in the Security industry.

At Aurora, our top priority is delivering quality, reliability and intelligence - integrating the latest technologies with seamless harmony across our products and solutions. Our dedicated team works tirelessly so our customers can enjoy complete peace of mind.

Quality and Innovation

Quality and innovation are at the core of our strategy, ensuring the effectiveness and optimization of Total Cost of Ownership (TCO). At Aurora, we use only the highest-quality materials to create products that deliver durability, reliability, and long-term value.

True End-To-End

Providing a true end-to-end portfolio of products and solutions ensures seamless system operation and gives customers the convenience of a single point of contact for design, procurement, and after-sales support.

Seamless Integration

Seamless interoperability across all Aurora products and systems is a key differentiator for customers seeking a truly comprehensive and unified solution. At Aurora, our engineers work tirelessly to ensure every product and system operates in perfect harmony—delivering a smooth, reliable experience. Customers who choose Aurora benefit from built-in integrity, native compatibility, and consistent reliability across their entire system.

Built on Partnership

True partnership is the foundation of our business. We rely on and deeply value our partners, supporting them in every possible way to ensure their success and growth. The Aurora Partner Program (APP) is designed to foster long-term, mutual success—offering a range of rewards, advantages, and opportunities to help our partners thrive.

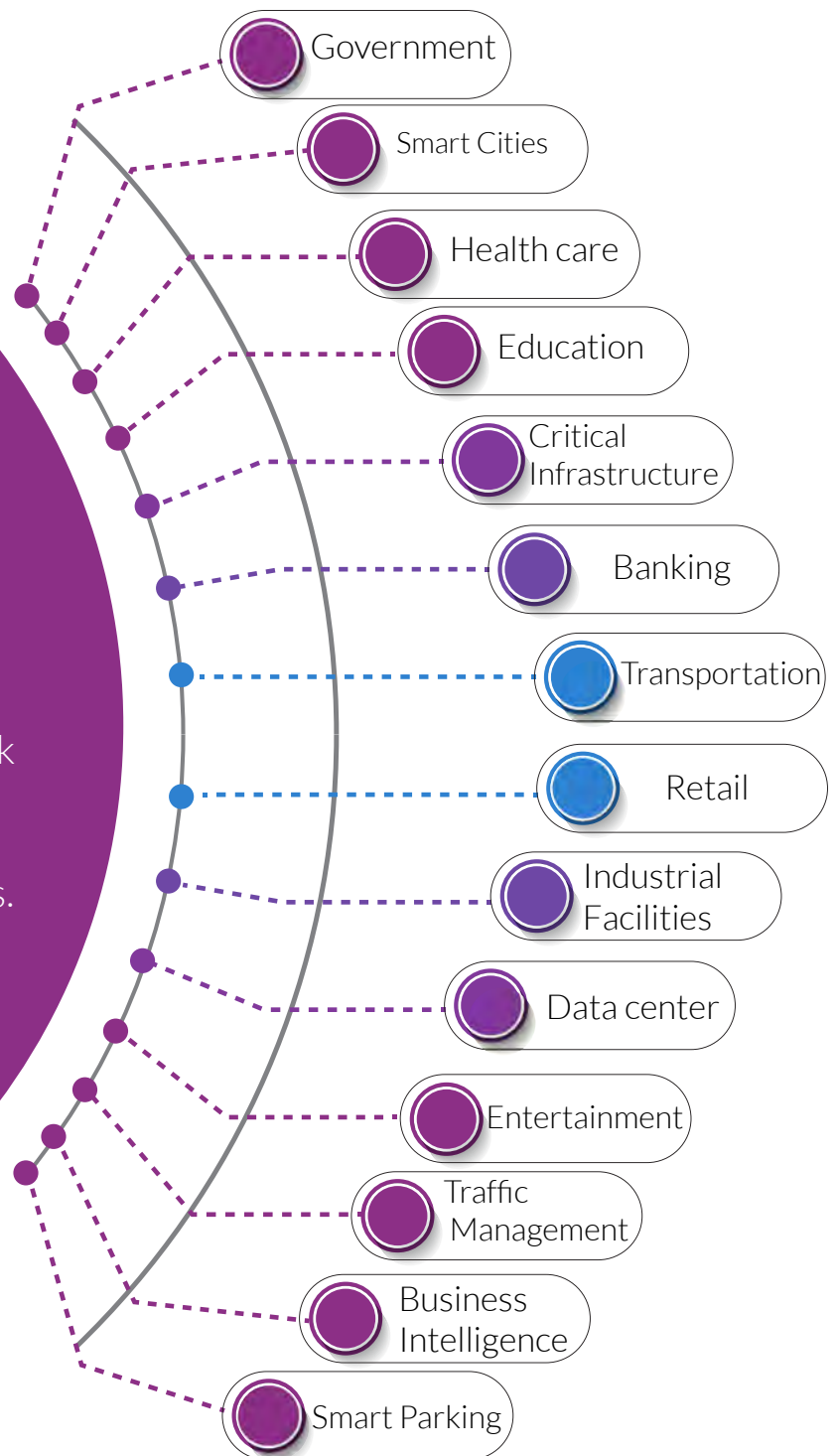
Sustainability

Sustainability is a core principle at Aurora. We follow a comprehensive sustainability plan across our manufacturing, supply chain, logistics, operations, and marketing to minimize environmental impact and promote responsible practices.



Solutions Overview

Aurora delivers unified, end-to-end solutions for every customer. We offer a wide range of IT infrastructure, active networking solutions, and professional audio and video systems. Aurora provides a complete portfolio of network video, audio, and access control solutions tailored to meet diverse customer needs. Our flexible, secure technology is easy to integrate and designed to work seamlessly together.



ionosphere

integral security application platform - isap

ionosphere /AI'ɒnəsfiə/ the layer of Earth's atmosphere that contains a high concentration of ions and free electrons, capable of reflecting radio waves. It lies above the mesosphere, extending approximately 80 to 1,000 km above the Earth's surface. The ionosphere is also where the Aurora Borealis occurs and provides two critical functions:

1. Protecting Earth from solar radiation.
2. Influencing radio propagation, enabling long distance communications.

Similarly, the integral Security Application Platform (isap) is designed to protect our customers and enhance security through seamless communication across all systems.



intelligent video management system



Integral security
application platform – isap



Integral platform



Advanced analytics

A VMS Like No Other

Intelligent Video
Management
Software :

The most reliable
and agile VMS in the
industry, featuring a
comprehensive suite
of built-in video
analytics, including



Customized control



Simplified licensing &
scalable solutions



Intelligent storage

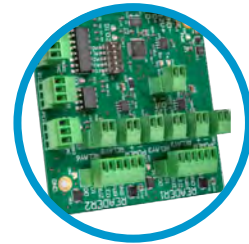
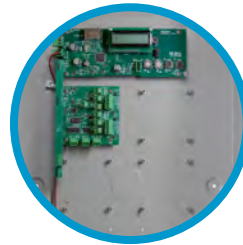


Uncompromised security

Access Control

Aurora's advanced Access Control System delivers a comprehensive solution for securing entry points across a wide range of environments, including commercial and industrial facilities. It provides superior control, flexibility, and scalability to meet evolving security needs.

- ✓ Manage access permissions, handle credential verification, and control locking mechanisms with ease. Supports RFID, biometric, and keypad entry, offering real-time monitoring and seamless integration with central management systems.
- ✓ Enhance system scalability by adding input/output points, enabling the connection of additional access devices. Modular, easy to integrate, and ideal for large-scale installations.



This system provides enhanced security and efficient operation, making it ideal for protecting valuable assets and managing access with confidence.

Recording and Storage system and workstations

In today's rapidly evolving Internet of Things (IoT) landscape, effective recording and storage solutions are essential for managing the vast amounts of data generated by interconnected devices. Aurora offers cutting-edge systems designed to meet the demands of modern environments.

●**Advanced Network Video Recorders (NVRs):** Our IP NVRs provide reliable, scalable video recording capabilities, ideal for large-scale deployments. These devices support high-resolution cameras and ensure seamless integration with other IoT components.

●**High-Capacity Video Recording Appliances:** Optimized for continuous, high-definition video capture, these appliances deliver secure, long-term storage and robust solutions for high data throughput.

●**Mobile NVRs:** Designed for flexible, on-the-go recording, mobile NVRs are perfect for dynamic IoT applications where mobility is crucial. They offer reliable performance across various environments, ensuring consistent data capture.

Whether you're deploying smart city infrastructure, industrial IP solutions, or advanced security systems, Aurora's recording and storage systems and workstations provide the performance, scalability, and reliability needed to keep pace with growing demands.



Network Video Recorders: Our NVRs are renowned for their reliability and security, providing streamlined solutions for complex surveillance needs. They simplify installation, enhance system performance, and make management easier. By reducing maintenance requirements, our NVRs help minimize overall costs while ensuring consistent, high-quality operation.



Video Recording Appliance: Our all-in-one video recording appliance is meticulously engineered for optimal performance, integrating advanced Intelligent Video Management Software (VMS). This solution delivers seamless operation and robust capabilities for efficient video recording, management, and monitoring.



Mobile NVRs: Our advanced mobile video surveillance systems feature AI accelerators and support the latest RF communication technologies. Designed for durability, they provide a rugged platform with scalable computing performance through customizable CPU boards, tailored to meet the demands of specific applications.



Network Cameras and Accessories

Aurora offers a comprehensive range of IP cameras and accessories designed to deliver reliable, secure surveillance across a variety of applications. Our advanced network cameras provide high-resolution video quality, complemented by a range of accessories to enhance system performance.

Whether for residential, commercial, or industrial use, our products are engineered for robust performance, easy integration, and scalability, ensuring your security needs are fully met.

Professional Series: Cost-effective solutions that deliver essential features for standard surveillance, offering full functionality at an attractive price.



Advanced Series:

High-performance cameras designed for demanding environments, offering enhanced capabilities and advanced features at competitive prices.



Aurora IT infrastructure forms the backbone of modern organizations, providing a reliable framework that supports both daily operations and strategic initiatives. It encompasses a wide range of components, including high-performance servers, scalable storage solutions, advanced networking equipment, and secure data centers.

An effective IT infrastructure ensures seamless connectivity, efficient data management, and robust security, enabling organizations to handle complex applications and large volumes of information. Key elements include:

- **Structured Cabling:** Delivers organized, efficient, and reliable connectivity across the organization.
- **Racks and Cabinets:** Provide secure, well-organized housing for servers and network equipment
- **UPS and Power Systems:** Ensure uninterrupted power supply, protecting critical systems from outages and fluctuations.

With reliable backup and recovery systems, advanced virtualization technologies, and comprehensive security measures, Aurora IT infrastructure not only enhances operational efficiency but also protects against potential threats. This ensures business continuity and resilience in today's ever-evolving digital landscape.



Structured Cabling

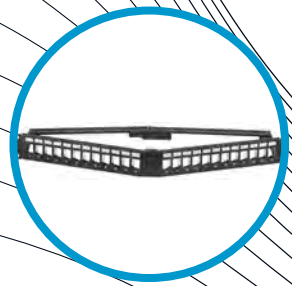
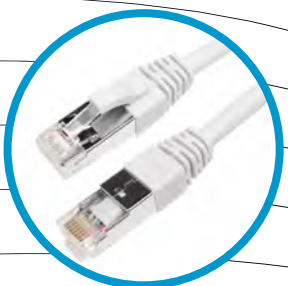
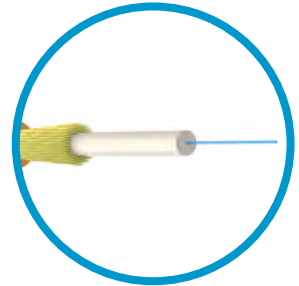
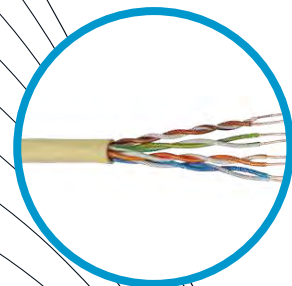
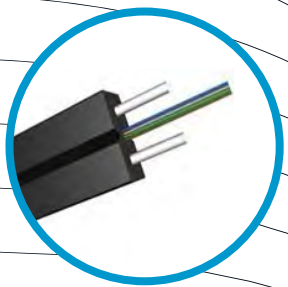
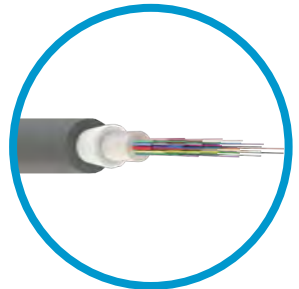
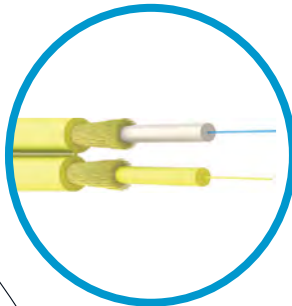
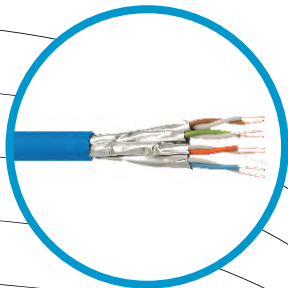
Aurora offers a comprehensive range of network cabling solutions designed to establish a robust and dependable network infrastructure. Our portfolio includes:

Copper and Fiber Optics Cables:

We provide a full spectrum of copper and fiber optic cables to ensure long-term reliability. Our fiber optic options include central tube cables, available in both simple and steel-armored types, suitable for a variety of installation scenarios.

Cable Accessories:

Our extensive selection covers all necessary accessories for shielded and unshielded cabling systems, including Cat6A and Cat6 patch cords, field termination plugs, modular plugs, keystone jacks, patch panels, and boots. We also offer a complete range of fiber optic accessories to complement your network setup.



Racks and Cabinets

Aurora offers a diverse range of racks and cabinets designed to meet a variety of installation and operational requirements, providing secure, organized, and scalable housing for your IT and network equipment.

Wall Mount PRO Cabinets: These cabinets feature a fully framed structure with direct wall-mounting capabilities. They include removable side panels, top and bottom cable entry, and multiple door options, including glass, Plexi, perforated, and louvered. A unique hanger pin design ensures proper alignment for swing-type doors, providing both convenience and durability.



Server PRO Cabinets: Designed for superior security and functionality, these cabinets feature an enforced front door with a three-point lock, standard 19" installation, bottom ventilation, and rat-proof construction. They also offer easy-to-install front and rear doors and multiple lockable cable entries on the top and bottom, ensuring both convenience and protection for your equipment.



Stainless Steel Enclosure Boxes: Our range of stainless steel enclosure boxes is designed for a variety of applications, including junctions, distribution, electrical components, batteries, control systems, monitoring equipment, and outdoor waterproof installations.



Flexible Layouts for Diverse Scenarios: Aurora provides solutions for a wide range of communication and electronic needs, including 5G sites, repeaters, RRU radio frequency units, remote security smart devices, video surveillance, IoT applications, relay equipment, digital TV broadcasting, outdoor power supplies, and other outdoor electronic equipment.

UPS and Power Systems

Aurora offers top-tier UPS solutions that provide safe, reliable, and uninterrupted power for critical operations. Our comprehensive portfolio is engineered to meet the demanding requirements of surveillance systems and other essential applications.

Our UPS systems are designed with advanced technology to deliver:

Continuous Reliability: Our UPS solutions provide consistent, uninterrupted power, protecting against electrical outages and fluctuations to ensure your operations remain fully functional at all times.

Robust Safety Features: Each UPS unit is equipped with advanced safety mechanisms to protect against overvoltage, undervoltage, and other potential electrical hazards, helping to extend the lifespan of your equipment.

High Efficiency: Our UPS systems are designed for maximum energy efficiency, helping to minimize operational costs while reducing the environmental impact of power consumption.

Scalability and Flexibility: With a variety of models and configurations, our UPS solutions are adaptable to applications of all sizes, from small-scale operations to large data centers, providing the flexibility to meet your specific power requirements.

Advanced Monitoring and Management: Our UPS systems feature sophisticated monitoring tools that provide real-time insights into power performance and system health, enabling proactive maintenance and efficient management.

Aurora's dedication to quality ensures that our UPS solutions not only meet but exceed industry standards, delivering reliable and superior performance for your critical operations.



Active Networking Solutions

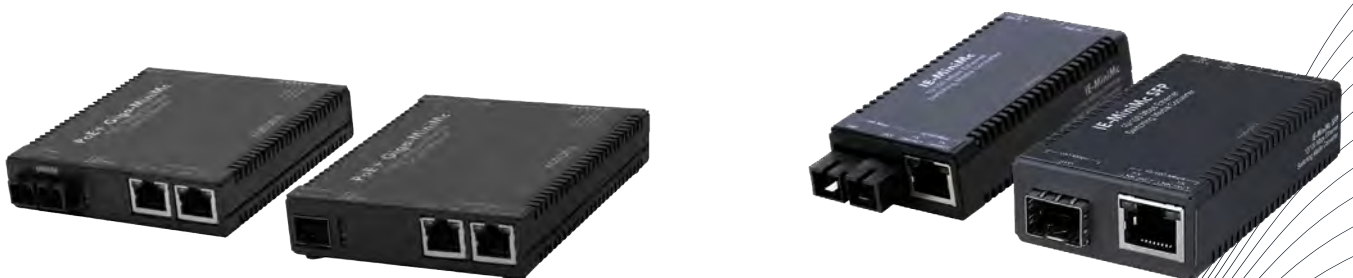
Aurora delivers cutting-edge active networking solutions designed to enhance and optimize network performance across a wide range of applications. Our offerings include:

Industrial Switches: Engineered for durability and reliability, Aurora industrial switches are designed to withstand harsh environments while ensuring seamless network connectivity. They support high-performance data transmission and include robust security features to protect your network infrastructure.



Media Converters and Transmission Systems: Aurora media converters enable seamless integration between different network media types, such as fiber and copper, ensuring efficient data transmission across diverse networking environments. Designed to support high-bandwidth requirements, they provide reliable data transfer over long distances.

Aurora's active networking solutions are designed to meet the demands of modern, high-performance networks, delivering the reliability and flexibility required to tackle today's complex networking challenges.



Professional Audio and Video Systems

Aurora provides advanced audio and video solutions tailored to meet the demands of both commercial and industrial applications. Our offerings include:

Commercial and Industrial Displays: Aurora offers a range of high-quality displays designed for commercial and industrial environments. With superior image clarity, durability, and versatility, they are ideal for digital signage, control rooms, and other professional applications.

IP Speakers and Public Announcement Solutions: Aurora's IP speakers are engineered for seamless integration into networked environments, delivering high-quality audio and reliable performance for public announcement systems. These solutions are ideal for enhancing communication in corporate facilities, transportation hubs, educational institutions, and other professional settings.

Aurora's professional audio and video systems provide exceptional performance and reliability, supporting a wide range of applications with advanced technology and robust design.



Commercial and Industrial displays

Aurora offers an extensive range of LED and LCD displays designed for both indoor and outdoor applications, featuring high energy efficiency and superior performance:

LED Displays: Our portfolio includes LED displays suitable for a variety of environments. These displays are highly energy-efficient, providing bright, clear visuals while minimizing power consumption. They are ideal for both indoor and outdoor applications, ensuring reliable performance in diverse settings.

LCD Displays: We offer a comprehensive selection of LCD displays, available in 46" and 55" sizes. Our LCD displays feature energy-efficient technology and come with bezel options of 0.88mm and 1.3mm, ensuring sleek, modern aesthetics and seamless integration into any professional environment.

Aurora's displays are engineered to deliver outstanding visual quality and operational efficiency, meeting the demands of modern digital communication and signage. For more details or to discuss your display needs, please contact us.

LCD



LED



IP Speakers and Public Announcement solutions

Aurora offers a comprehensive range of IP speakers designed to enhance security and communication across various settings. Our IP speakers provide robust solutions for alarm triggering, remote communication, and monitoring. Key features include:

SIP&Onvif protocol compatible

Pre-recorded message (WAV/MP3)

Schedule for local broadcasting

48K OPUS HD Sound

Alarm in for security

HTTP API for remote control

RTP Multicast broadcasting

PoE for power supply option

Remote software upgrade and configuration

Aurora's IP speakers are designed to provide reliable, high-quality audio solutions that support a wide range of security and communication needs. For further details or to discuss your specific requirements, please contact us.



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