



BANKING & FINANCE SURVEILLANCE

Introduction

At Norden, competently engineered solutions are put forth for its valuable customers without any compromise. The products engineered cater to a wide spectrum of industries ranging from telecommunications, building, industrial, and utilities. Headquartered in the UK, Norden brings quality products by meeting international standards to the global market. We are rapidly expanding by ensuring our presence in the global market with our wide range of products. Our performance and growth have developed an enviable reputation for supplying network components and accessories.

Norden's central philosophy has always revolved around performance critical to customer success. Our leading-end innovative developments and solution deliveries have kept our customers one step ahead in the competitive market. Adhering to ISO 9001, the quality assurance team has always marked their superiority in the standards. Our products are rigorously tested and certified with test documentation to international standards. Specialists from our organization operate closely with the customers to offer tailor-made solutions.





NORDEN SURVEILLANCE SYSTEM

ABOUT NORDEN

Norden has its focus adhered to the aspirations and needs of customers. While keeping them in mind, Norden brings high-performance surveillance products to the market, which is in demand. Norden, specialises in IP video surveillance. Dedicated to bringing the best and most comprehensive range of IP cameras, Norden offers varied cameras that suit the evolving market's surveillance need. The wide range of Norden surveillance solutions complies with the policies of NDAA. NDAA-compliant products stand out as a promising and complete solution to all the surveillance challenges globally. Norden strive for excellence in all aspects of our business by integrating sustainable development and innovation.



Need for IP Surveillance in Banking & Finance

To ensure that our assets and money are secured, we rely on banking institutions. A league of trust installed by generations makes us believe in the banks and their relation to security. However, it is also vital to ensure the safety and security of banks by installing tools of promising protection.

Norden has an arena of surveillance systems that targets specific concerns in a bank. With rapidly changing technologies, it is pivotal for banks to stick to security systems that promise excellent security.

Areas where Security Cameras Benefit in Banks

The Bank Offices
The ATM
Cash Van
Commanding Centers

Uses of Security Cameras in Banks

- Security cameras can help in securing employees and operations.
- It is an affordable and smooth transition from analogue to IP.
- Guarantees the safety of assets kept in the bank.
- Improves and enhances customers' trust and experience.
- Perfect integration of all the surveillance systems from alarms to access control systems
- A central management system simultaneously monitors all the functions and makes security features stringent and efficient.

Cameras Serving Different Purposes

Holistic View

When placed in a bank's lobby, the Fish- Eye Cameras can serve multiple areas

- The Fish Eye Cameras cover a holistic view of 360 degrees, keeping a vigilant eye.
- The camera further splits the image into many windows for clarity to have a detailed image.
- They come with sensors to alarm while smoke, fire, or vandalism is detected.
- With Norden cameras a smooth business is promised with excellent surveillance systems.



Intrinsic Recognition

The Dome/ Fish Eye cameras can help reception area has better vision and security

- With a minimum of 4MP resolution, Norden Dome/Fish Eye Cameras can recognize the face of everybody coming to the reception area.
- The cameras comes with in-built mic and speaker supporting recordings or any announcements.
- With its face capturing function, the camera accurately detects the face of every person standing within it's perimeter.
- Its edge recording helps in the repetition of the data captured.



Technical Specification

- 4MP Resolution
- Fixed Lens / Motorized Lens Cameras
- IR/Starlight Cameras
- IR distance from 10 Meter to 50 Meter
- Vandal proof Dome/ Fish Eye Cameras
- Compression : H.264, H.265, H.265+ Cameras
- IP66, IP67, IK10 rated Cameras
- PoE / Built in Mic /SD card slot / Non SD card slot / WDR / Smart Analytics Cameras
- Smart analytics Supported - Intrusion, Crossline, Double Cross Line, Loiter, Multi Loiter, Missing Object, Abandoned Object, Abnormal Speed, Converse, Illegal Parking, Signal Bad, etc.

Upgraded Security

The Vandal Proof cameras enhance the security of locker rooms.

- A resolution of 4MP can record and identify the faces entering the area.
- The WDR function supports the imaging of faces in any lighting.
- Data redundancy can be made through H.265.



Technical Specification

- 4MP Resolution
- Fixed Lens / Motorized Lens Cameras
- IR/Starlight Cameras
- IR distance from 10 Meter to 50 Meter
- Vandal proof Dome Cameras
- Compression : H.264, H.265, H.265+ Cameras
- IP66, IP67, IK10 rated Cameras
- PoE / Built in Mic /SD card slot / Non SD card slot / WDR / Smart Analytics Cameras
- Smart analytics Supported - Intrusion, Crossline, Double Cross Line, Loiter, Multi Loiter, Missing Object, Abandoned Object, Abnormal Speed, Converse, Illegal Parking, Signal Bad, etc.



Monitored Vehicles

ANPR cameras can check vehicles entering the premises.

- Norden ANPR cameras can monitor the number plates efficiently.
- The cameras can identify the vehicle type and number plates entering the bank's premises.
- The security is kept under control by monitoring vehicles passing the office.



Technical Specification

- 2MP / 4MP / 5MP / 8MP / 12MP Resolution Cameras
- Fixed Lens / Motorized Lens / Zoom Lens Cameras
- IR/Starlight Cameras with 60 fps
- IR distance from 60 Meter to 100 Meter
- Bullet/LPR / Cameras
- Compression : H.264, H.265, H.265+ Cameras
- IP66, IP67, IK10 rated Cameras
- PoE /SD card slot / WDR /Smart Analytics Cameras
- Smart analytics Supported - Intrusion, Crossline, Double Cross Line, Loiter, Multi Loiter, Missing Object, Abandoned Object, Abnormal Speed, Converse, Illegal Parking, Signal Bad, etc.

Safe In-Transit

The Mobile Network Video Recorder (NVR) monitors the cash transfer.

- The vehicle cameras installed within the cash vans keep the security uptight.
- The cameras can monitor transit activities of cash between banks.
- The monitored images and videos are stored with the help of Mobile NVR, which is further connected to the headquarters.
- A 4G network with GPS can detect the locations of the vehicle at any given time.



Technical Specification

- 1.3MP / 2MP Resolution
- Dome Type / Bullet Type / PTZ Type
- IP66 / IP68 Rated Cameras
- 15 to 130M IR Support
- 22X / 30X / 45X Optical Zoom Lens Cameras
- SD card slot / Non SD card slot / Smart Analytics Cameras
- 4 / 8 Channel NVR / DVR
- HDD Slot / SD card Slot / GPS / Wi-Fi / 3G / 4G
- Support IOS / Android Phone Remote monitoring



Theft-Proof ATMs

Norden Vandal Proof Dome Cameras offers unobtrusive monitoring of ATMs

- Norden Vandal Proof cameras can offer uninterrupted monitoring of ATMs
- IK10, motorized cameras offer round the clock surveillance
- Advanced IoT compatible algorithm helps detect unusual behaviour and unwanted objects
- These cameras prevent thefts with the auto alarm system



Technical Specification

- 4MP Resolution
- Fixed Lens / Motorized Lens Cameras
- IR/Starlight Cameras
- IR distance from 10 Meter to 50 Meter
- Vandal proof Dome Cameras
- Compression : H.264, H.265, H.265+ Cameras
- IP66, IP67, IK10 rated Cameras
- PoE / Built in Mic /SD card slot / Non SD card slot / WDR / Smart Analytics Cameras
- Smart analytics Supported - Intrusion, Crossline, Double Cross Line, Loiter, Multi Loiter, Missing Object, Abandoned Object, Abnormal Speed, Converse, Illegal Parking, Signal Bad, etc.



Safe Perimeters

Norden PTZ cameras can monitor all the security events with good quality

- Norden Pan Tilt Zoom Camera can check the areas outside the building.
- The auto-patrol mode of the camera can check larger areas with ease.
- Any form of unusual activities can be monitored by the camera efficiently.



Technical Specification

- 2MP / 5MP / 8MP / 16MP Resolution Cameras
- 4X / 25X / 30X / 33X / 44X optical zoom Lens Cameras
- IR/ Starlight/ Laser Cameras
- IR distance from 30 Meter to 800 Meter
- Compression : H.264, H.265, H.265+ Cameras
- IP66, IK08, IK10 rated Cameras
- PoE / Non-PoE / PoE+ / SD card slot/ Non SD card slot /WDR / Smart Analytics Cameras
- Smart analytics Supported - Auto Tracking, Intrusion, Cross Line, Double Cross Line, Loiter, Multi Loiter, Missing Object, Abandoned Object, Abnormal Speed, Converse, Illegal Parking, Signal Bad, etc.



Seamless Recordings

The device can record, playback, and monitor the cameras simultaneously.

- The NVR can store all the analytics logs with the concerned videos.
- With a higher image quality, the users can get better images and audio and videos
- With our Network Video Recorder, analytics can be configured and monitored.



Technical Specification

- 4Ch / 8Ch / 16Ch / 32Ch / 64 / 128 / 300Ch NVR
- 1 / 2 / 4 / 8 / 16 / 24HDD Slots
- 4K / RAID / Face Recognition,
- Body temperature Measurement / PoE Port
- Hot swappable HDD Bays / Redundant Power Supply Support
- 16bay Storage server with Raid Controller and Expansion unit
- ONVIF Compatible Network Joystick controller

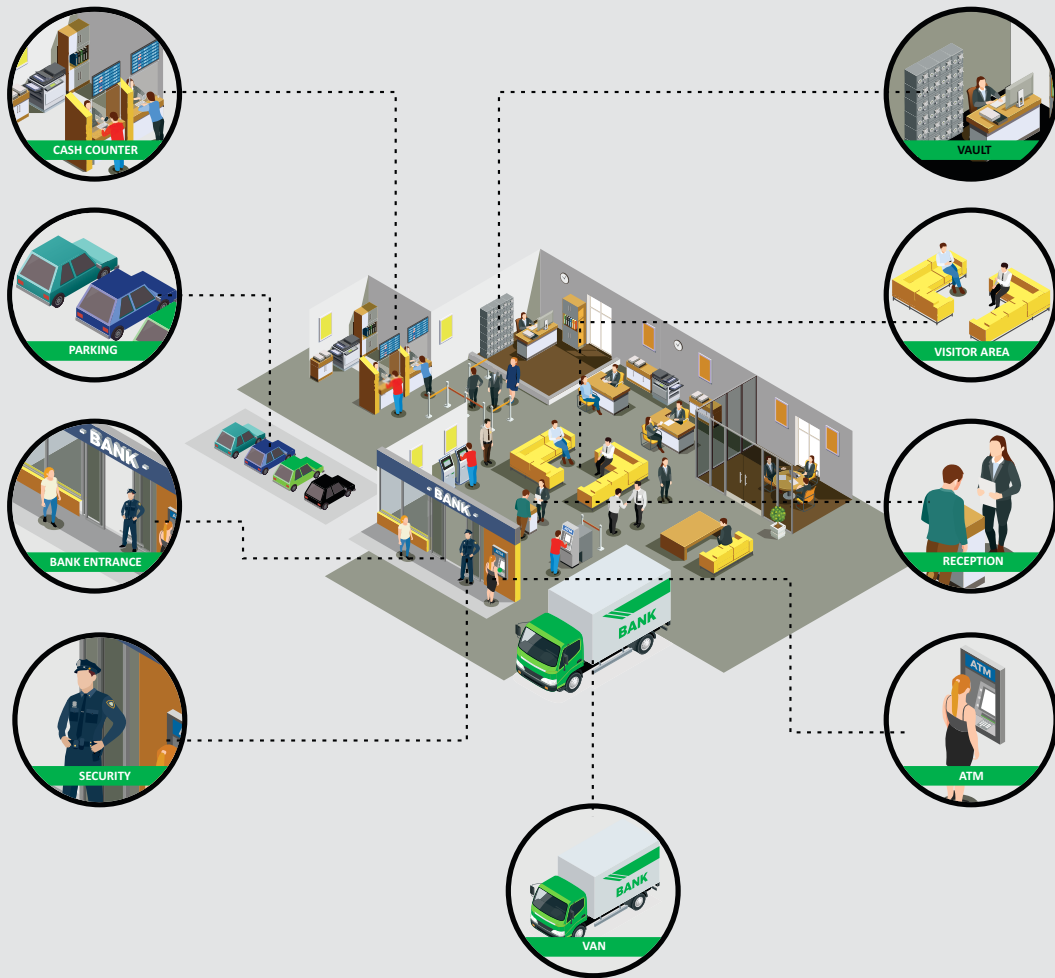


Health Management Software (HMS)

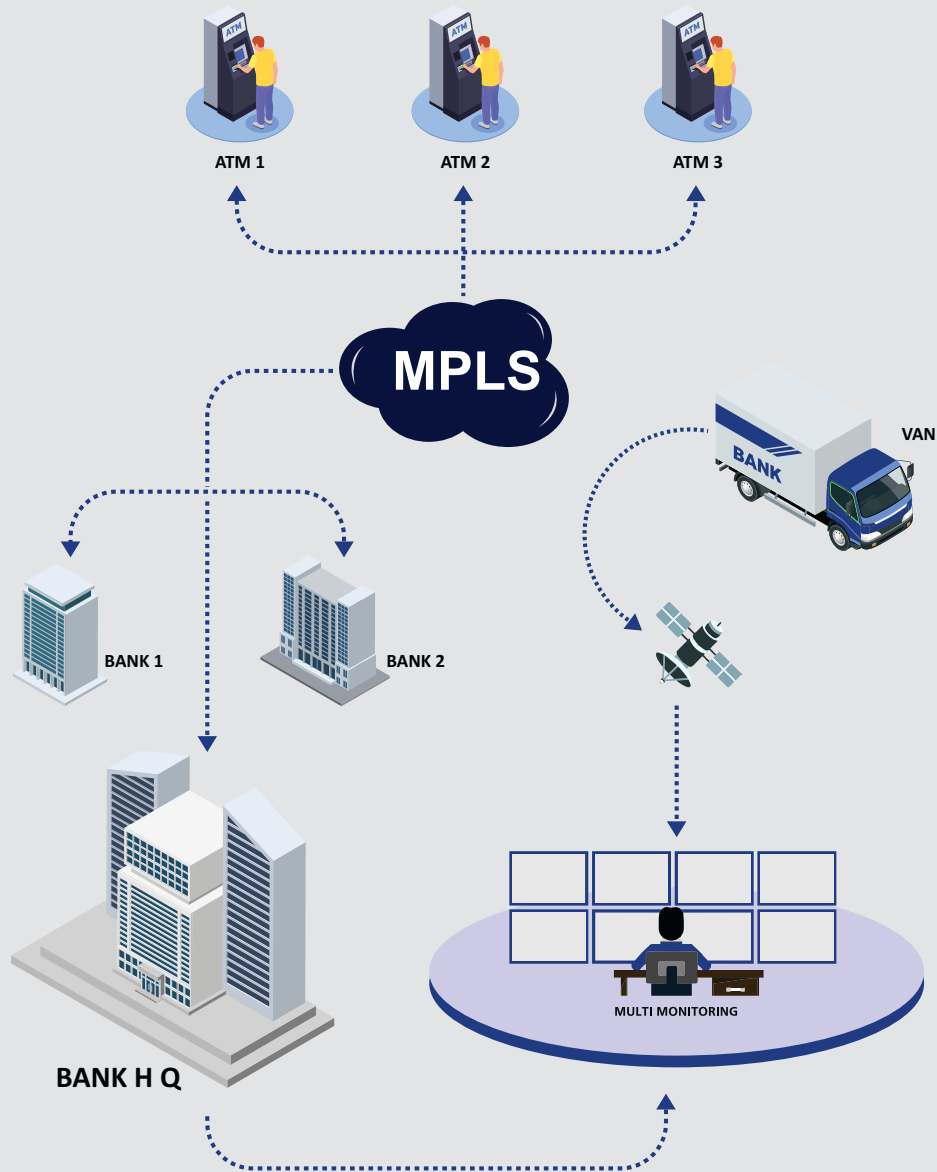
Health Management Software (HMS) is an Norden exclusive software developed to keep an eye on the health of the devices, specifically the Norden products.

- This software aids in the monitoring of the devices specified and connected to it.
- The Alert Notification management helps raise an alert when it detects that anything is amiss with the equipment.
- Connectivity is the key and all devices fall under close monitoring.
- Ensures that every device installed within the connectivity functions well.
- Promises efficient functioning of the security solutions across the various banking branches and headquarters

 NORDEN®



SOLUTION OVERVIEW



SYSTEM ARCHITECTURE



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