

## IDIS Vertical **Solutions**

IDIS have a portfolio of leading technologies to meet any surveillance challenge that your business faces. IDIS integrated DirectIP is your complete surveillance solution.

- Easy installation and secure networking through our dedicated DirectIP devices
- Crystal clear Full HD images, without any frame-loss, for live monitoring and recording
- Simultaneous quadruple video streaming for live, remote monitoring and recording
- Compatibility with legacy security systems, external devices, and third-party protocols
- One stop shop solution delivering rich connectivity
- Affordability without license or annual maintenance fees

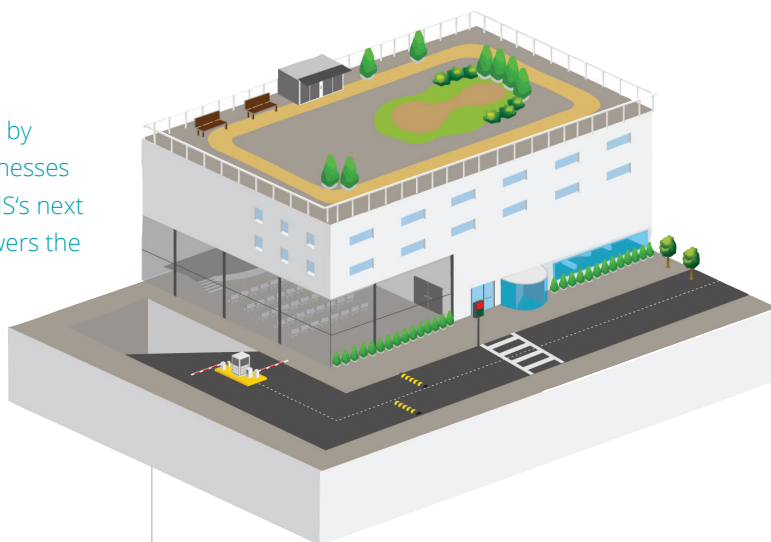


COMMERCIAL BUILDING • EDUCATION • BANKING AND FINANCE  
• MANUFACTURING, LOGISTICS, AND WAREHOUSING  
• HEALTHCARE • TRANSPORTATION • RETAIL • SPORT FACILITY

# Commercial Building Solutions

IDIS DirectIP surveillance solutions secure people, property, and assets to provide a safer office environment.

DirectIP solutions reduce risk and lower overall installation cost by leveraging existing IT network infrastructures and allowing businesses to migrate away from legacy and disparate security systems. IDIS's next generation surveillance increases operational efficiency and lowers the total cost of ownership through end-to-end solutions.



## Integrated Surveillance Center

Through a closely integrated structure comprised of cameras, sensors, and alarms, DirectIP surveillance enables a consolidated view of every event and incident to streamline security operations.

## Clear Vision Even in Challenging Light

In high-risk areas such as basement car parks, the outstanding low-light functionality and image quality of cameras combined with built-in audio features make DirectIP the perfect safeguard against car theft, break-ins, and other incidents.

## Protecting High Value Assets and Data

Integrating with alarm systems such as intruder or fire, DirectIP solutions ensure your property and assets are safe in any event. Irrespective of the complexities of your building, real-time streaming linked directly to the control room ensures a rapid response to incidents.

### A Valuable Asset Protection



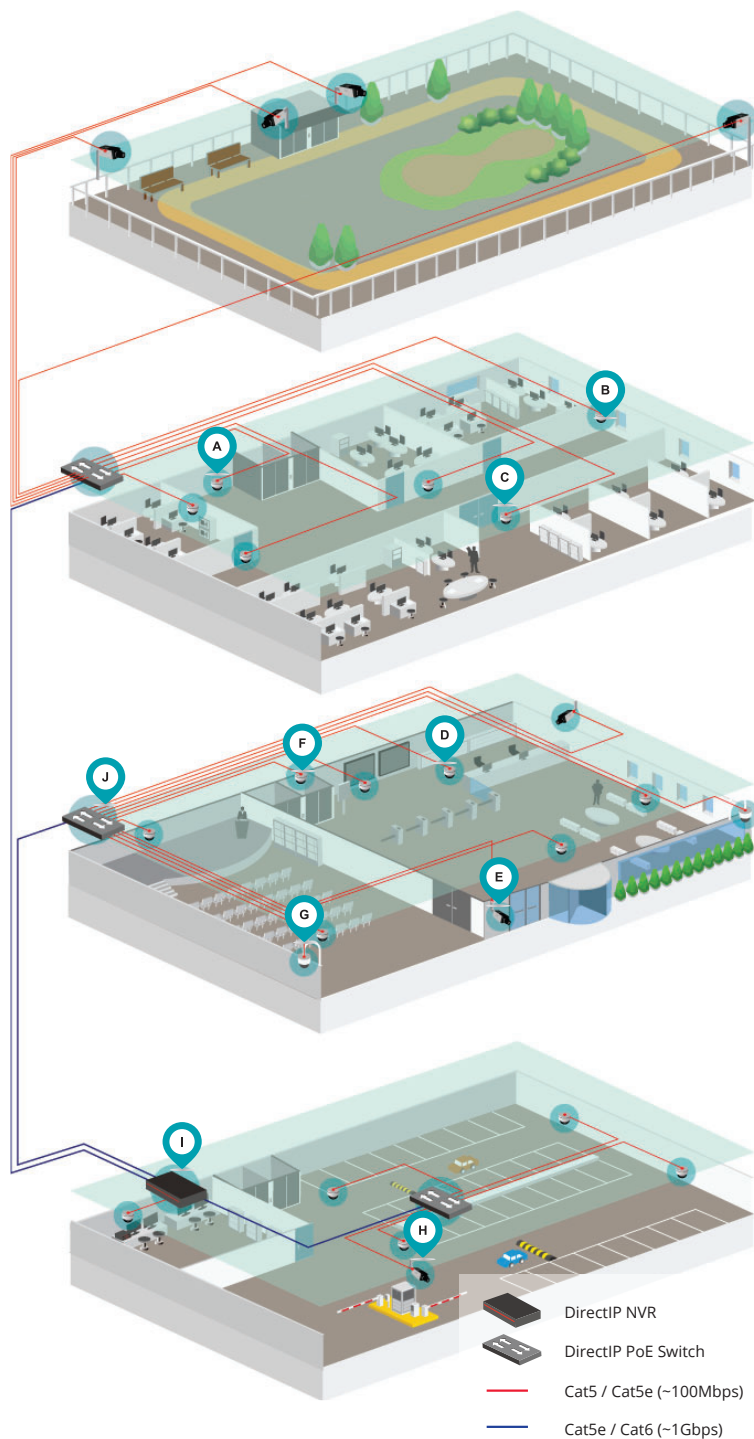
- Integrates with alarm devices
- Reduces risk of crime

### B Corridor Observation



- Provides a clear image view
- Tracks suspicious behavior and monitors incidents





### C Supervision of Restricted Areas



- Identifies unauthorized people circulating in restricted areas
- Monitors behavior of authorized staff

### D Public Safety with Intrusion Detection



- Protects staff and visitors from potential violent attacks
- Identifies unauthorized people

### E Entrance & Lobby Observation



- Monitors daily visitors and staff
- Identifies suspicious people

### F Elevator Monitoring



- Identifies suspicious behavior within an enclosed space
- Monitors accidents

### G External Security



- Safeguards property and ensures personal safety

### H Vehicle Identification



- Provides real-time clear views for tracking fast movement and vehicle license plates
- Detects crimes such as hit-and-run accidents and car break-ins

### I Video Security Center



- Detects and identifies suspicious individuals or objects with IDLA throughout the building
- Searches and investigates suspicious individuals or objects quickly and accurately using person match search and instant meta filtering
- Provides deep learning applications to fight COVID-19 in one AI box
- Ensures robust video recording
- Provides event notification to mobile devices
- Allows remote accessibility and data backup

### J Easy Cable Connection



- DirectIP PoE switch to power DirectIP cameras
- Flexible tree topology that can be shared with multiple DirectIP NVRs and DirectIP cameras
- DirectIP switch/port mapping for easy management
- SFP ready for long distance/high speed connection

# Education Solutions

Through centralized control and increased situational awareness, DirectIP improves campus safety for students, staff, and property.

To prevent violence and theft on campuses, DirectIP solutions provide centralized monitoring, enabling instant verification and a rapid response to events. Improved situational awareness combined with DirectIP's flexible and scalable HD surveillance increases security while driving improvements in operational efficiencies.

## Intelligent Observation

Centralized monitoring across campus facilities provides operators with at-a-glance verification of incidents and management of multiple cameras through real-time floor plans and intelligent mapping features. DirectIP solutions support remote access and management, providing a flexible operational approach for operators and manned guarding teams.

## Video Conferencing and Lectures

Two-way audio and real-time streaming of video provide advanced educational video conferencing, enabling remote lectures. Once recorded, lectures are easily managed and downloaded from cloud services to provide a flexible learning experience.

## Increased Protection of Students, Staff, and Assets

Virtual guard tours supplement manned guarding and free up security staff for other duties. Combined with DirectIP event alarm management, operators can initiate a prompt response to emergencies and incidents.

## A Integrated Surveillance Solution



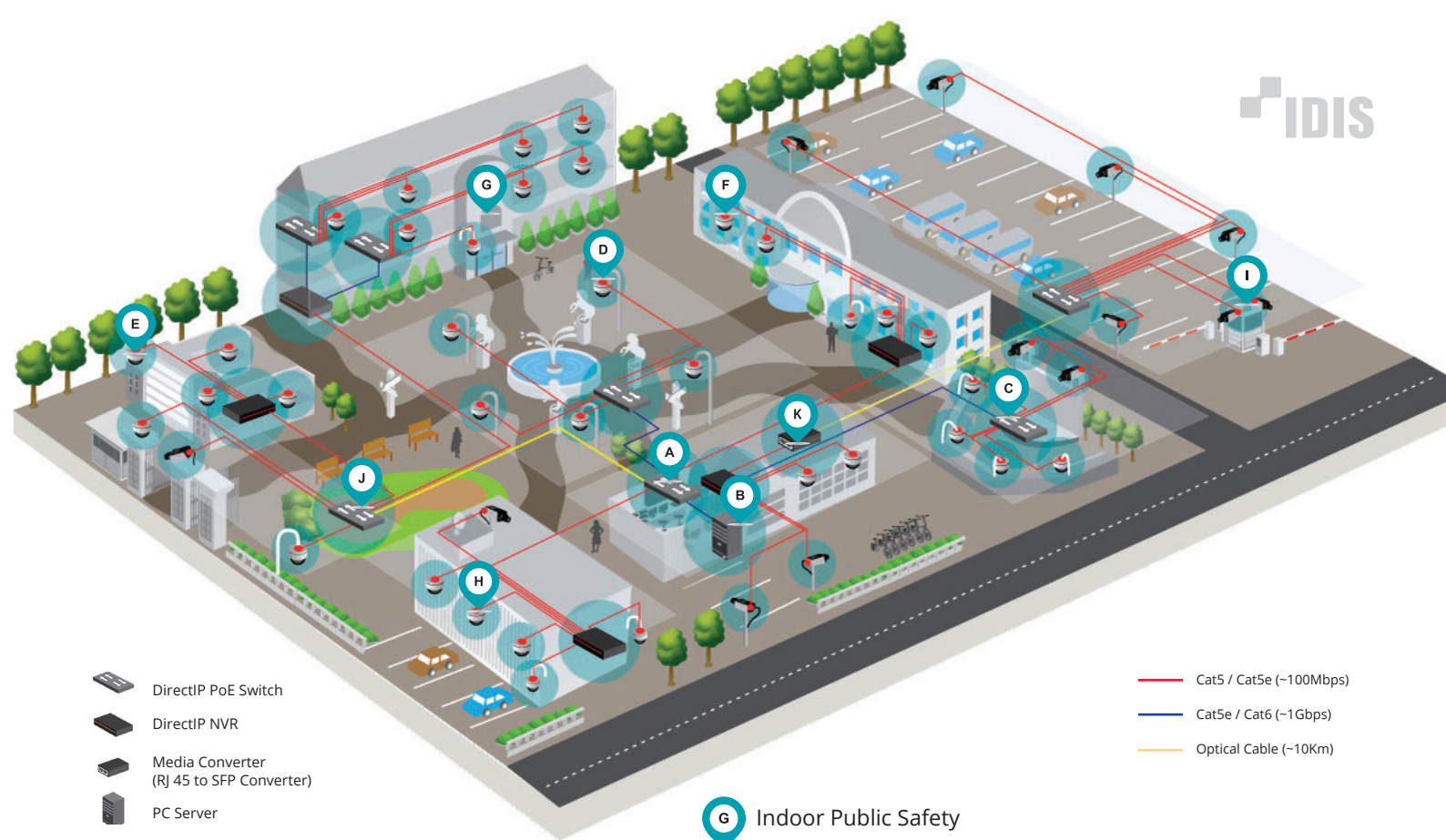
- Controls and manages multiple NVR systems
- Monitors all buildings and external campus areas from a single location
- Supports customized modules such as video wall, streaming services, back-up, failover services, and video analytics (IDIS Solution Suite Expert only)
- Leverages existing infrastructure
- Detects and identifies suspicious individuals or objects with IDLA throughout the internal and external areas
- Searches and investigates suspicious individuals or objects quickly and accurately using person match search and instant meta filtering

## B High Quality Video Recording



- Coordinates emergency responses
- Provides real-time HD image recording and monitoring
- Offers both Time-lapse and event recording
- Gathers evidence to minimize fraud
- Provides deep learning applications such as crowd detection or social distancing to fight COVID-19 in one AI box





- DirectIP PoE Switch
- DirectIP NVR
- Media Converter (RJ 45 to SFP Converter)
- PC Server

- Cat5 / Cat5e (~100Mbps)
- Cat5e / Cat6 (~1Gbps)
- Optical Cable (~10Km)

### G Indoor Public Safety



- Identifies suspicious objects
- Prevents or deters crime and public disorder

### H Reduce Goods Shrinkage



- Identifies shoplifters and suspicious activity
- Detects removal or loss of items in the cafeteria

### I Vehicle Identification



- Provides real-time clear views for tracking fast movement and vehicle license plates
- Detects crimes such as hit-and-run accidents and car break-ins

### J Easy Cable Connection



- DirectIP PoE switch to power DirectIP cameras
- Flexible tree topology that can be shared with multiple DirectIP NVRs and DirectIP cameras
- DirectIP switch/port mapping for easy management
- SFP ready for long distance/high speed connection

### K Long Distance Video Communication



- Allows video communication of up to 700m using UTP Cat5e or faster cable and Long reach PoE extender

### C External Public Safety



- Reduces property damage
- Monitors acts of vandalism or graffiti
- Allows instantaneous reaction to incidents

### D Safeguard Walkways



- Identifies incidents and suspects
- Monitors pedestrian flow

### E Valuable Asset Protection



- Prevents violence and theft
- Offers behavioral recognition technology

### F Safe and Peaceful Classrooms



- Protects students and staff from potential violent attacks
- Integrates with alarm devices
- Features a built-in audio interface terminal

# Banking and Finance Solutions

IDIS DirectIP solutions improve protection against threats, such as violence and robbery, through cutting-edge functionality and tailored features.

As a deterrent to fraud, theft, and violence, IDIS utilizes its DirectIP network infrastructure to improve real-time situational awareness and response times to provide a safer and more secure environment for staff and customers.

## ATM Integration

Integrated with ATM facilities, DirectIP NVRs record transaction data combined with a clear image of users. This ensures the secure operation of ATMs to validate cards and guarantee their sole use by registered cardholders.

## Concrete Evidence

Whether inside or outside, crime usually occurs within a very short timeframe. DirectIP cameras capture every single moment of activity, providing instant verification and immediate response by delivering a clear, accurate, and time-stamped record of events.

## Centralized Monitoring

With centralized control environments and a range of unique and tailored features, DirectIP management software enables a rapid and decisive response to incidents across entire branch networks and facilities.



### Valuable Asset Protection



- Integrates with alarm devices
- Offers behavioral recognition technology



### Personal Safety



- Provides a clear, wide image view
- Assists crime investigation

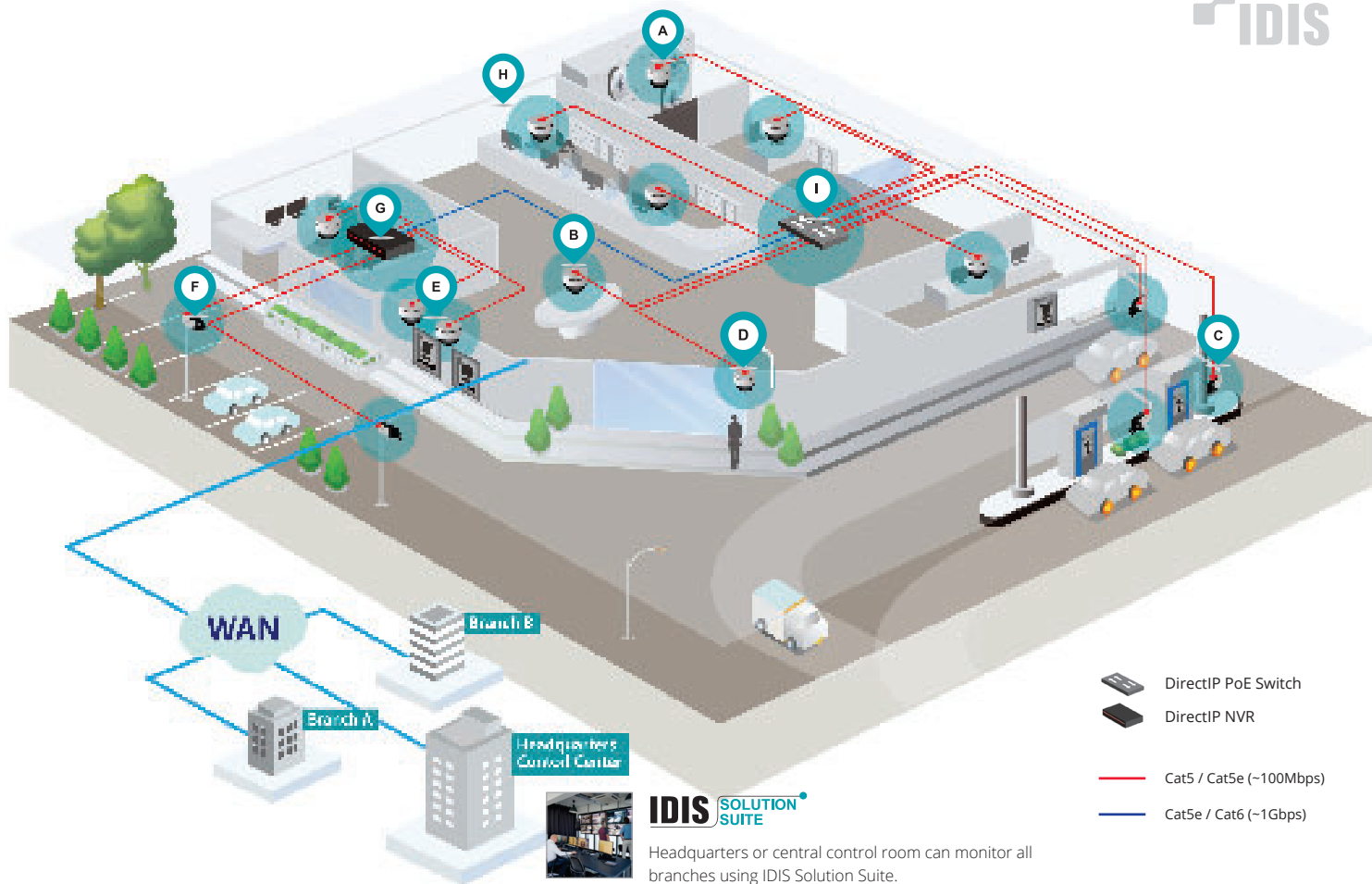


### Vehicle Identification



- Provides real-time clear views for tracking fast movement and vehicle license plates
- Features a built-in audio output interface terminal





### D Entrance Observation



- Identifies potential suspects
- Provides a clear, wide image view

### G Video Surveillance



- Controls and manages all internal and external areas of the premises
- Provides deep learning applications to fight COVID-19 in one AI box
- Ensures robust and quality video recording
- Tracks object movement with appropriate alerts
- Enables remote accessibility
- Supports redundant power

### E ATM Integration



- Records transaction data with clear user images
- Monitors for multiple threats including fraud, theft, and physical attacks

### H Authorized Transactions



- Provides audio integration without extra cabling
- Performs facial identification
- Undertakes fraud checks

### F External Security



- Safeguards property and ensures personal safety

### I Easy Cable Connection



- DirectIP PoE switch to power DirectIP cameras
- Flexible tree topology that can be shared with multiple DirectIP NVRs and DirectIP cameras
- DirectIP switch/port mapping for easy management

# Manufacturing, Logistics, and Warehousing Solutions

The perfect surveillance solution for regulated and hazardous industrial facilities.

With stringent regulation outlining compliance, health, and safety as well as security challenges, DirectIP provides manufacturing facilities a centralized security operation with an accurate record of events. The capability for a rapid and decisive response to incidents drives operational efficiencies across health and safety, security, and quality control departments.

## Intelligent Observation

At-a-glance verification enables a single operator to check incoming materials, shipments, or stock levels and even perform quality assurance procedures.

## Automatic Alerts and Emergency Stopping

In hazardous environments, alarm management and integration with third-party systems allows centralized control of the entire facility, including production lines, to improve the health and safety of workers.

## Third-party Scalability

Built on a platform with compatibility in mind, DirectIP solutions integrate with third-party systems, such as access control and intruder detection, to provide scalability and a future-proof investment that drives down overall cost for the lifecycle of the entire security operation.

### A Video Security Center



DR-6332PS-5JA + DV-2232 DR-6532P

- Detects, identifies, and investigates suspicious individuals or objects throughout the building
- Provides deep learning applications to fight COVID-19 in one AI box
- Ensures high quality and robust video recording
- Features event notification to mobile devices
- Enables remote accessibility

### B Monitor Production Lines



DC-Y6C16WRX DC-Y6S16WRX

- Detects and responds to incidents quickly
- Identifies unusual activities on the production line
- Ensures the safety of staff

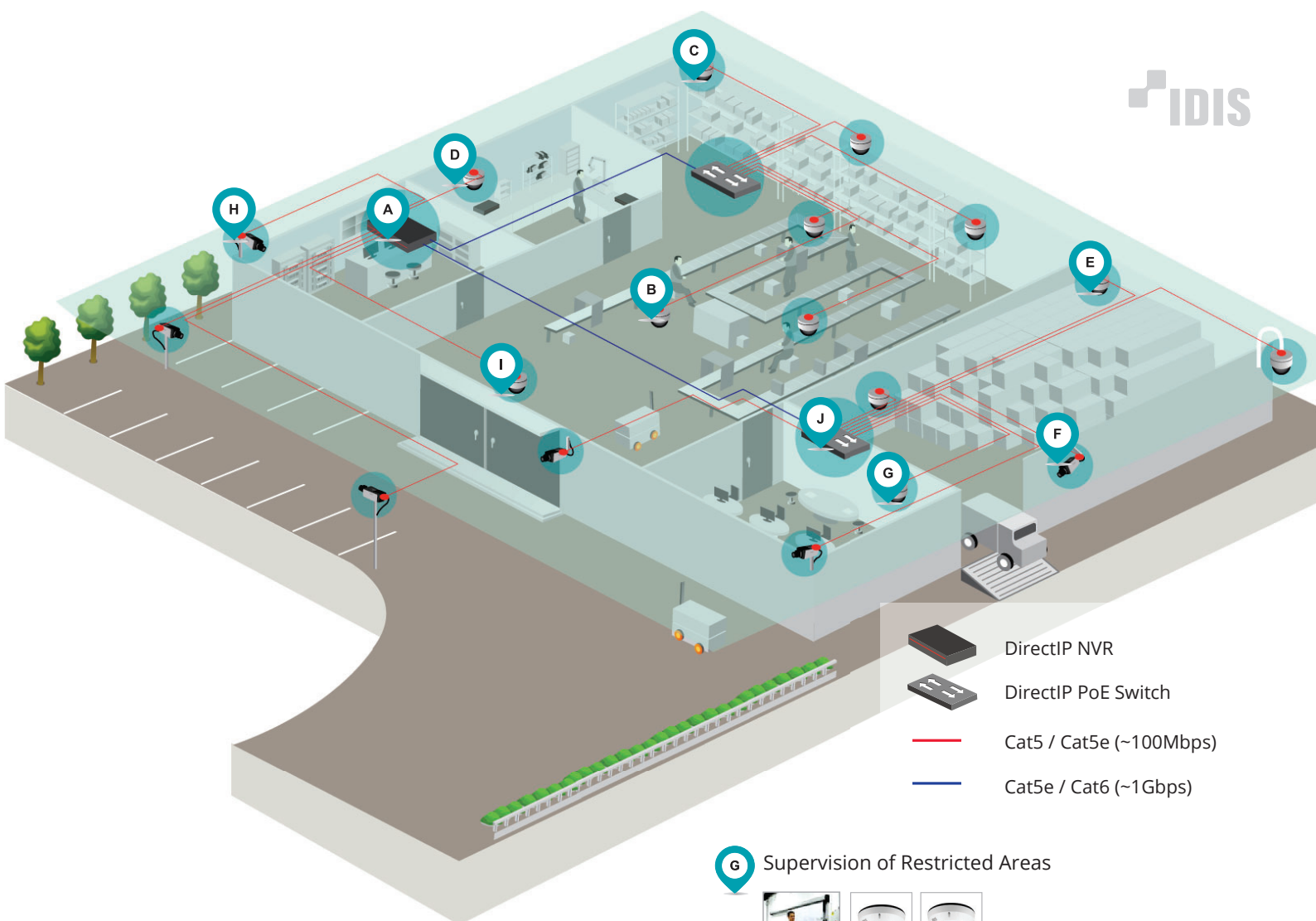
### C Stock Observation



DC-D4236RX DC-Y6S16WRX

- Detects removal or loss of items
- Identifies suspicious behavior
- Tracks item movement





- DirectIP NVR
- DirectIP PoE Switch
- Cat5 / Cat5e (~100Mbps)
- Cat5e / Cat6 (~1Gbps)

#### G Supervision of Restricted Areas



- Identifies unauthorized personnel entering restricted areas
- Monitors behavior of authorized people

#### D Improve Quality Control



- Monitors and analyzes the quality assurance process

#### H External Security



- Enhances factory perimeter protection
- Helps identify and investigate incidents
- Identifies suspicious vehicles or objects

#### E Warehouse Observation



- Prevents vandalism and theft
- Facilitates best-practice stock management procedures

#### I Public Safety



- Provides wide and clear image views of open areas
- Identifies accidents and potential risks

#### F Loading Dock Observation



- Monitors the loading and unloading of goods

#### J Easy Cable Connection



- DirectIP PoE switch to power DirectIP cameras
- Flexible tree topology that can be shared with multiple DirectIP NVRs and DirectIP cameras
- DirectIP switch/port mapping for easy management
- SFP ready for long distance/high speed connection

# Healthcare Solutions

IDIS DirectIP solutions increase protection, reduce risk, and provide peace of mind for staff and patients.

With increasing concerns for employee and patient safety combined with complex environments and stringent regulatory compliance, the security challenges facing hospitals are significant. DirectIP solutions deliver real-time awareness of staff, patients, visitors, and high-value assets, enabling a rapid response to incidents before an emergency arises and as a result, improves patient satisfaction and drives down operational cost.

## Effective Emergency Room Monitoring

High definition networked surveillance cameras can be leveraged to support patient care while real-time monitoring notifies staff instantly when a patient requires urgent assistance.

## High Definition Surveillance

DirectIP surveillance cameras provide crystal-clear images, allowing operators to monitor and track patient and visitor movement across the entire hospital. This prevents unauthorized access to restricted areas while supporting fast detection and investigation of crime.

## Enhanced Surgical Environment

Stable and high resolution DirectIP cameras capture footage to provide a repository of surgical video for training and education purposes as well as post-operative care. While an accurate and time stamped record of events safeguards against potentially fraudulent insurance claims.

### A External Security



- Safeguards the hospital's property and ensures personal safety

### B Corridor Observation



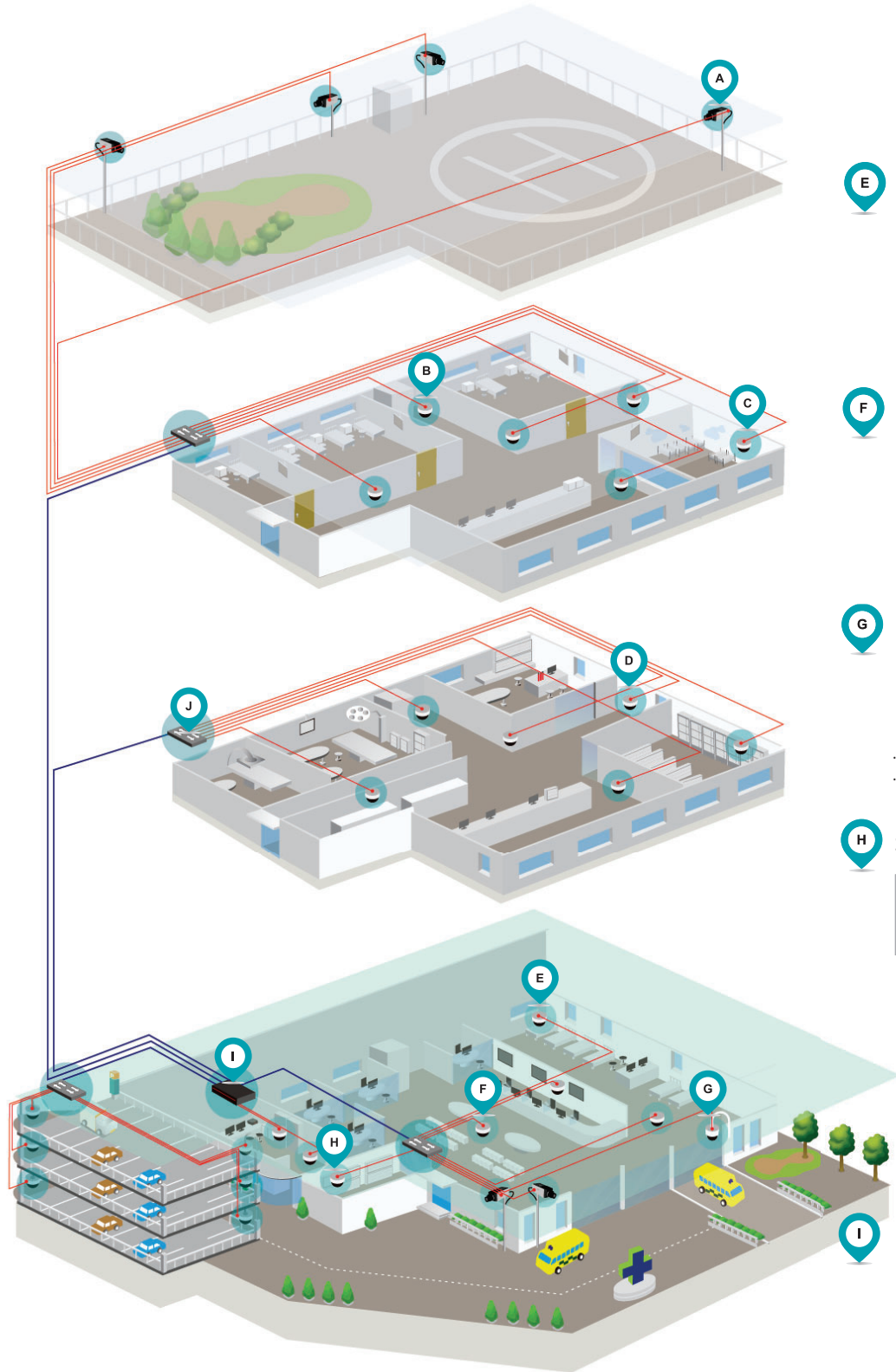
- Provides a clear image view
- Tracks suspicious behavior and monitors incidents

### C Child Protection



- Provides peace-of-mind and protection from potential personal threats
- Offers an accurate time stamped record of events





DirectIP NVR

DirectIP PoE Switch

Cat5 / Cat5e (~100Mbps)

Cat5e / Cat6 (~1Gbps)



## Corridor Observation



- Protects staff from potential violent attacks
- Monitors both audio and video
- Integrates with alarm devices



## Emergency Recognition



- Monitors at risk patients
- Prevents and restricts unauthorized access



## Public Safety and Satisfaction



- Provides wide and clear image views of open areas
- Identifies accidents and potential risks



## Entrance Observation



- Controls pedestrian traffic flow in busy areas
- Allows instantaneous reaction to incidents



## Supervision of Controlled Areas



- Prevents potential theft, such as prescription drugs
- Monitors personnel responsible for drugs



## Video Security Center



- Controls and manages all internal and external areas
- Ensures high quality and robust video recording
- Reports security alerts and hazards and protects against false accident claims
- Features event notification to mobile devices
- Provides deep learning applications to fight COVID-19 in one AI box



## Easy Cable Connection



- DirectIP PoE switch to power DirectIP cameras
- Flexible tree topology that can be shared with multiple DirectIP NVRs and DirectIP cameras
- DirectIP switch/port mapping for easy management
- SFP ready for long distance/high speed connection



# Transportation Solutions

DirectIP solutions provide intelligent surveillance to increase security and improve traffic analysis throughout an airport.

Ensuring the safety of travelers and staff in a busy airport environment is a challenge for security professionals across the globe. DirectIP solutions increase security and safety by providing operational efficiencies across passenger checkpoints, terminal areas, duty free shops, baggage screening, and parking facilities as well as external areas such as aircraft facilities and operational perimeters.

## Intelligent Surveillance

Throughout an airport, there are many high-risk zones exposed to theft and malicious activity. The DirectIP NVR's built-in panic recording system ensures operators can capture suspicious behavior and respond in real-time before an event turns into a full-blown emergency.

## Improved Traffic Flow

By analyzing high resolution video footage, DirectIP greatly assists with managing passenger flow through busy airports and potential bottlenecks, such as at check-in.

## Hangar Observation

DirectIP megapixel cameras catch even the tiniest of movements at risk of intrusion from unauthorized personnel.



### Video Security Center



DR-6332PS-(S)A + DV-2232



DR-6532P



IDIS Solution Suite + DV-3100

- Detects and identifies suspicious individuals or objects with IDLA throughout the internal and external areas
- Searches and investigates suspicious individuals or objects quickly and accurately using person match search and instant meta filtering
- Provides deep learning applications such as crowd detection and social distancing to fight COVID-19 in one AI box
- Ensures high quality and robust video recording
- Features event notification to mobile devices
- Provides compatibility with POS and EAS
- Monitors daily business



### Check-in Line Monitoring



DC-D4236RX



DC-D4236WRX

- Detects suspicious passengers, baggage, or objects
- Offers facial identification technology



### Optimize Travel Capacity



DC-S3583HRX  
DC-S3883HRX



DC-Y6C16WRX

- Helps investigate lost or missing passengers
- Supports understanding of passenger flow patterns and hotspots
- Improves staff productivity



### D Identify Lost or Stolen Luggage



- Monitors passenger baggage
- Helps investigate lost or stolen luggage

### H External Security



- Enhances airport perimeter protection
- Helps identify and investigate incidents

### E Loss Prevention



- Prevents retail theft

### I Supervision of Restricted Area



- Helps identify unauthorized people circulating in restricted areas
- Monitors authorized staff activities in restricted areas

### F Public Safety



- Analyzes suspicious behavior
- Prevents terrorism

### J Vehicle Identification



- Provides real-time high resolution images for tracking fast moving objects and vehicle license plates
- Features a built-in audio output interface terminal

### G Loading Dock Observation

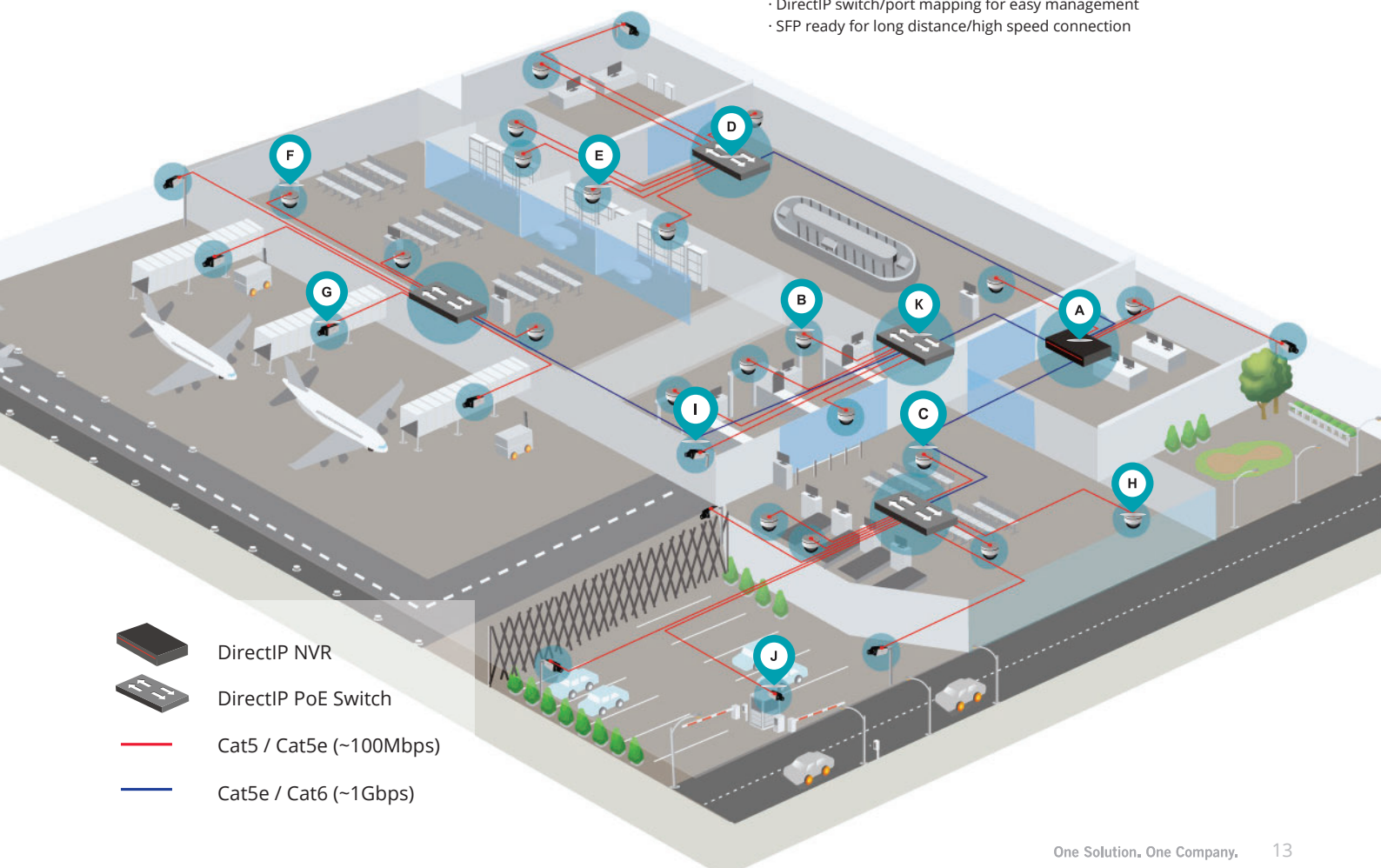


- Monitors the loading and unloading of goods

### K Easy Cable Connection



- DirectIP PoE switch to power DirectIP cameras
- Flexible tree topology that can be shared with multiple DirectIP NVRs and DirectIP cameras
- DirectIP switch/port mapping for easy management
- SFP ready for long distance/high speed connection



# Retail Solutions

IDIS DirectIP network surveillance provides affordable solutions that reduce risk and shrinkage within busy retail environments.

With the combined threat of the global economic downturn, shrinkage has never been a bigger concern for loss prevention and security professionals. Using HD resolution cameras, DirectIP proactively increases security by reducing shrinkage.

## Loss Prevention

Real-time live viewing and recording via high definition cameras are perfect for preventing and detecting shoplifting as well as internal shrinkage in a busy retail environment. DirectIP technology supports the role of store detectives and security operatives by enabling a rapid response to even the smallest movement suggesting suspicious behavior.

## POS Integration

DirectIP NVRs integrate with point of sale devices to gather scanned, printed, or recorded data to improve general transaction management and obtain proof of purchase in instances of crime. At the same time, by analyzing customer behavior marketing departments can optimize promotional efforts.

## Customer Safety and Comfort

Through its advanced alarm management, DirectIP solutions allow customers to shop safe in the knowledge that help is at hand should they need urgent assistance.

### A Video Security Center



- Detects, identifies, and investigates suspicious individuals or objects throughout the building
- Ensures high quality and robust video recording
- Features event notification to mobile devices
- Monitors daily business
- Provides compatibility with POS and EAS using HDMI encoder or event interface
- Provides surveillance video to multiple monitors using a video decoder
- Provides deep learning applications to fight COVID-19 in one AI box

### B Monitor Checkout Service



- Verifies proper checkout procedures are observed
- Determines suspicious transactions

### C Reduce Goods Shrinkage



- Identifies shoplifters and suspicious activity
- Detects removal or loss of items





### Customer Experience



- Verify and investigate customer incidents quickly and efficiently
- Safeguards property and ensures personal safety



### Stock Observation



- Monitors staff behavior
- Facilitates best-practice stock management procedures
- Identifies unauthorized personnel entering restricted areas



### Improve Marketing Performance



- Supports analysis of customer numbers and flow
- Improves product display strategy
- Improves staff productivity



### External Security



- Safeguards property and ensures personal safety



### Protect High Risk Assets



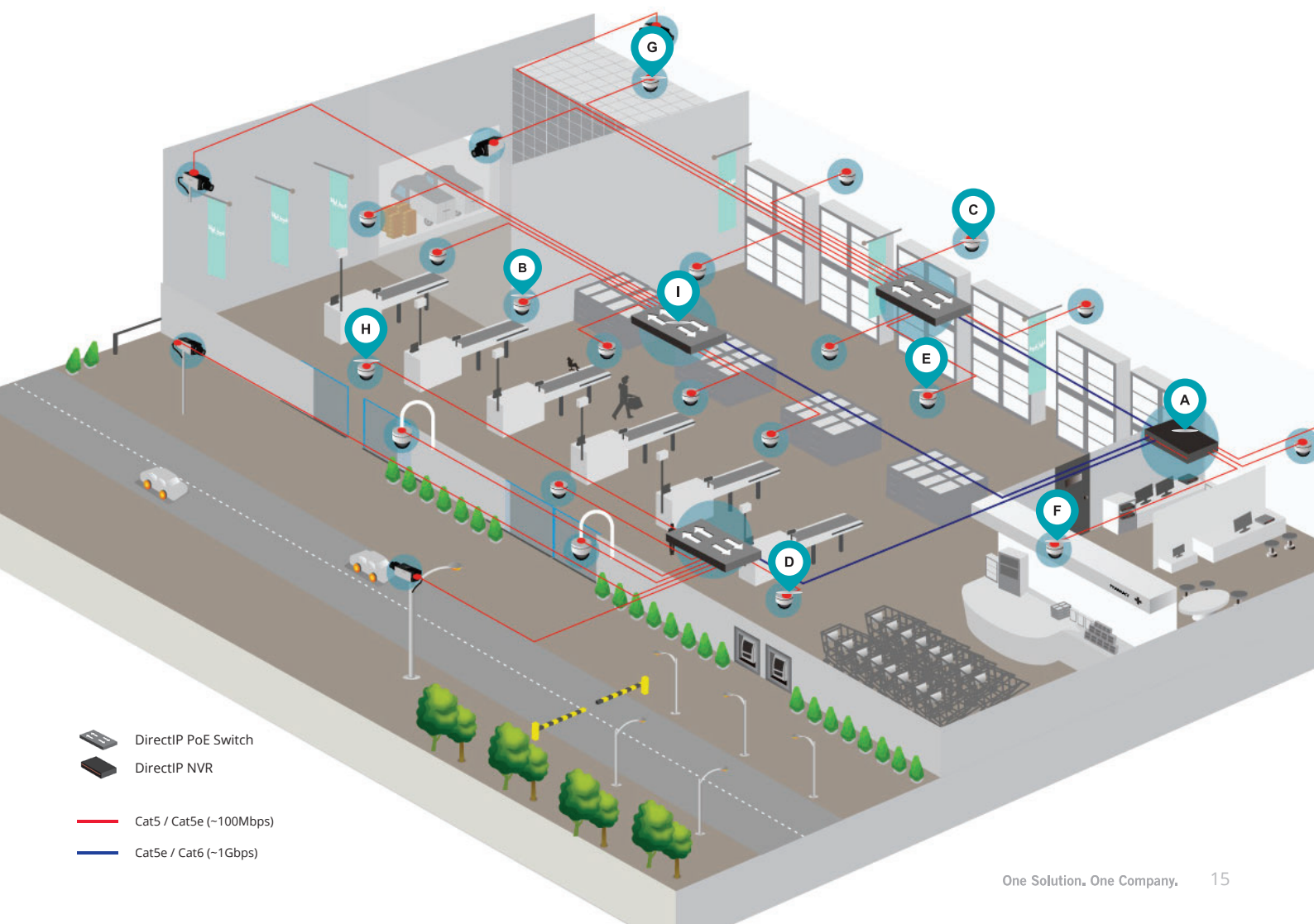
- Prevents theft of goods and high value stock
- Integrates with alarm devices



### Easy Cable Connection



- DirectIP PoE switch to power DirectIP cameras
- Flexible tree topology that can be shared with multiple DirectIP NVRs and DirectIP cameras
- DirectIP switch/port mapping for easy management
- SFP ready for long distance/high speed connection



DirectIP PoE Switch

DirectIP NVR

Cat5 / Cat5e (~100Mbps)

Cat5e / Cat6 (~1Gbps)



# Sport Facility Solutions

IDIS Total Solutions provides comprehensive coverage of the sport facilities and the surrounding areas for the safety of players, visitors and assets

By effectively monitoring hundreds or more cameras at once, IDIS provides the robust and cost-effective video solution to safeguard thousands of visitors at facilities and improve the efficiency of the facilities

## Real-time and high resolution images

The use of high resolution DirectIP cameras allows them to cover wide areas with fewer cameras by providing crystal sharp images with no visible latency in harsh weather conditions. By using Smart UX Controls, IDIS PTZ camera provides situational overview with high-level of detail.

## An advanced video recording

High performance features including IDIS Intelligent Codec with, when combined with H.265 and Motion Adaptive Transmission (MAT), can deliver up to 90% savings on storages and bandwidth. IDIS Critical Failover prevents loss of vital recorded data during a range of fault conditions.

## Centralized management system

IDIS technology deployed at a centralized surveillance environment enables security staff to rapidly detect, search and respond to any breach of health and safety or suspicious behavior. Further, the IDIS solution gives administrators total confidence and full control and lets them define the powers of individual operators, preventing unauthorized access to the system.



### Centralized Monitoring Center



IDIS Solution Suite + DV-3100 DR-6332PS-(S)A + DV-2232 DR-6532P

- Detects, identifies, and investigates suspicious individuals or objects with IDLA throughout the internal and external areas
- Helps investigate missing child using person match search and instant meta filtering
- Ensures high quality and robust video recording
- Features event notification to mobile devices and emergency services
- Can be Integrated with other systems such as access control system
- Provides better video quality with low network bandwidth and long-term video storage by Intelligent Codec technology
- Provides deep learning applications to fight COVID-19 in one AI box



### Entrance and Exit Observation



DC-D4236HRX DC-T4236HRX

- Monitors visitors and staff
- Identifies suspicious or unauthorized people



### Supervision of Grandstand



DC-S3883HRX DC-D4831HRX DC-T4831HRX

- Monitor all aspects of crowd safety by covering wide areas with high definition video
- Supports understanding of visitors flow patterns

### D Supervision of Pitch or Court



DC-S3883HRX DC-D4831HRX DC-T4831HRX

- Monitor and track activities during matches
- Helps to decrease illegal entry

### H Inside Public Security



DC-T4236HRX DC-Y6C16WRX DC-D4236WRX

- Prevents terrorism
- Identify accidents and potential risks
- Supports understanding of visitors flow patterns

### E Supervision of Restricted Area



DC-D4216WRX DC-D4236HRX

- Helps identify unauthorized people circulating or entering restricted areas such as VIP, media, player or staff room
- Monitors authorized person activities in restricted area

### I External Security



DC-S6283HRXL DC-S3883HRX DC-T4831HRX

- Safeguards property and ensures personal safety in low light environment

### F Supervision of Commercial Facilities



DC-D4216RX DC-Y6C16WRX DC-Y6516WRX

- Help prevent theft or damage of goods and high value assets
- Determines suspicious transactions

### J Vehicle Identification



IDIS ANPR DC-T3233HRXL DC-T6233HRXL

- Provides real-time high resolution images for tracking fast moving objects and vehicle license plates
- Features a built-in audio output interface terminal

### G Stock Observation



DC-D4216RX DC-Y6C16WRX DC-Y6516WRX

- Detects removal or loss of items
- Facilitates best-practice stock management procedures

### K Easy Cable Connection



DH-2212PF DH-2328PF DH-2026PF

- DirectIP PoE switch to power DirectIP cameras
- Flexible tree topology that can be shared with multiple DirectIP NVRs and DirectIP cameras
- DirectIP switch/port mapping for easy management
- SFP ready for long distance/high speed connection



DirectIP PoE Switch

DirectIP NVR

Cat5 / Cat5e (~100Mbps)

Cat5e / Cat6 (~1Gbps)

# IDIS Vertical Solutions

- COMMERCIAL BUILDING
- EDUCATION
- BANKING AND FINANCE
- MANUFACTURING, LOGISTICS, AND WAREHOUSING
- HEALTHCARE
- TRANSPORTATION
- RETAIL
- SPORT FACILITY



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