



PRAMATM

MADE FOR INDIA - MADE BY INDIA - MADE IN INDIA

A CAREFUL EYE FOR THE CARING PROFESSIONS SMART HEALTH-CARE SOLUTIONS

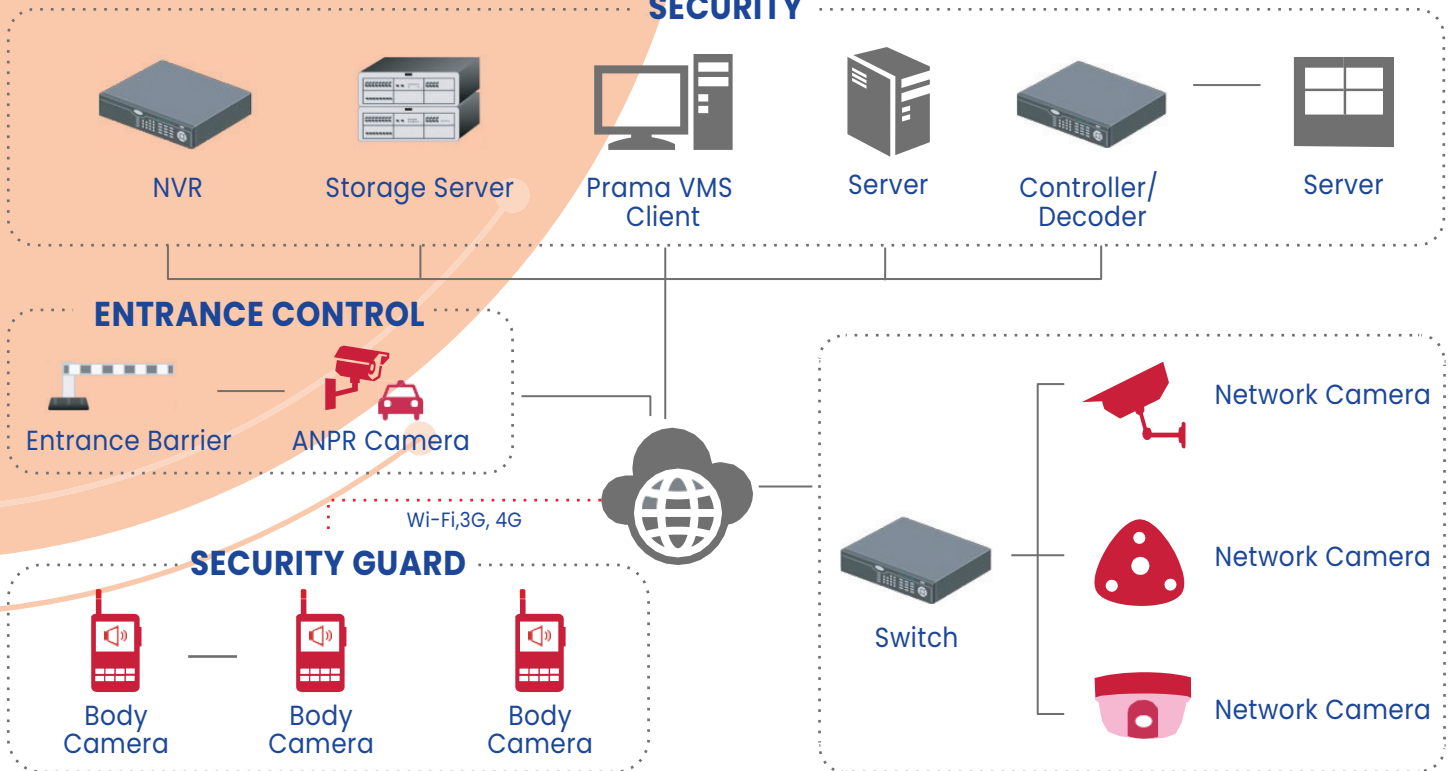


Hospitals and health care facilities are designed to be places of healing, recovery, and tranquility. However, with high volumes of people constantly coming and going– visitors, volunteers, patients, and others– the potential for unlawful behavior is substantial. Furthermore, recording the activities of hospital personnel, securing limited access areas, and keeping parking lots operating efficiently require intelligent technology. PRAMA's Smart Solution for Healthcare Facilities secures hospitals and other treatment centers with its advanced technology, powerful cameras, and reliable recording devices. Everywhere from guard stations to intensive care units, PRAMA's surveillance solution products powerfully assist and protect healthcare facilities and personnel.

SMART SOLUTION FOR HEALTH-CARE FACILITIES

- Ensure the Around-the-clock Safety for Patients and Staffs
- Quickly Evaluate Incidents for Prompt Event Response
- Effectively Monitor Critical Areas and Restricted Areas' Entrance Control
- Prevent Break-Ins and Theft

SECURITY



Lobby

High resolution fisheye camera for Panoramic view

Hallway

Mini sized camera with less intrusive, and also rotate mode support for Vertical-shaped area



Parking Lot



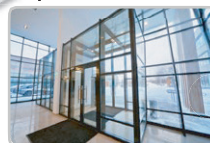
Vehicle Access Control

ANPR camera with barrier linkage, B/W list filtering to manage authorized vehicle entrance & exit.



Waiting Room

Large area and heavy people flow require high definition and smooth video.



Public Entries

Clear visibility in strong sun light condition, Customer counting for service improvement.



Security Center

System reliability, Data safety, Prompt Event Response.

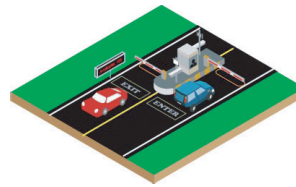
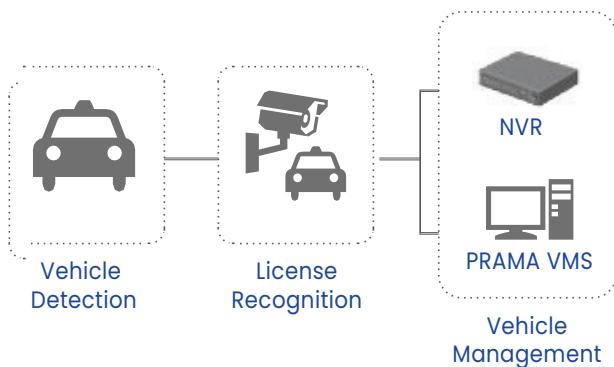
Vehicle Access Control



PRAMA Vehicle Access system combines high quality ANPR cameras and back-end devices to create barrier linkage, B/W list filtering, and alarm triggering.

ANPR cameras: These cameras support HD video, are weather-proof, and provide ultra-low-light vision and barrier linkage.

* ANPR support requires a customized process, and the availability of regional PRAMA LPR support varies based on local algorithm development.

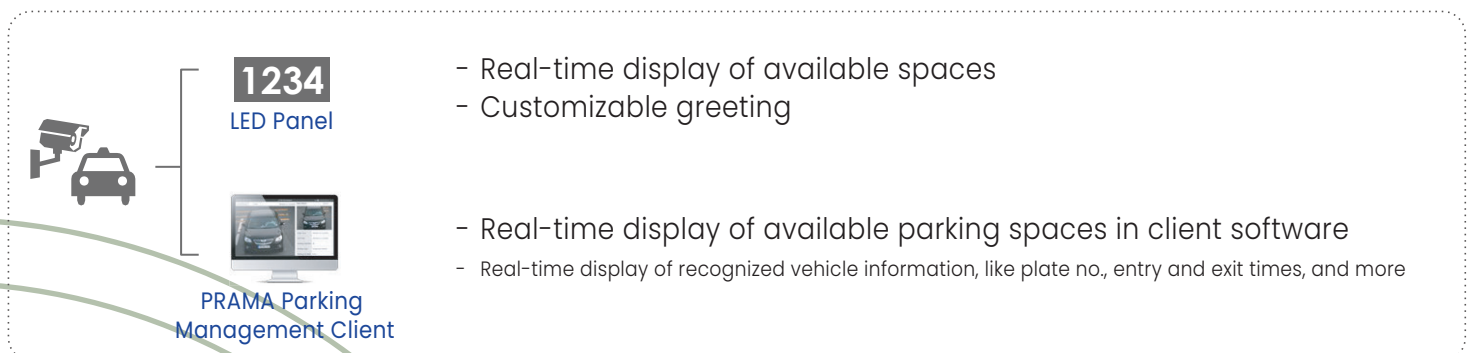


* The exact functionalities may vary based on local strategy and product development.

PRAMA ANPR System

- Auto License Plate Comparison
- B/W List Filtering
- Alarm Triggering
- Result Query
- Result Export
- Auto Network Recovery(ANR)
- ANPR Remote Configuration
- Lot Availability Display
- Manual LPR Correction
- Customizable Message Display
- Overtime Alarming

Real-Time Information Display and Parking Events



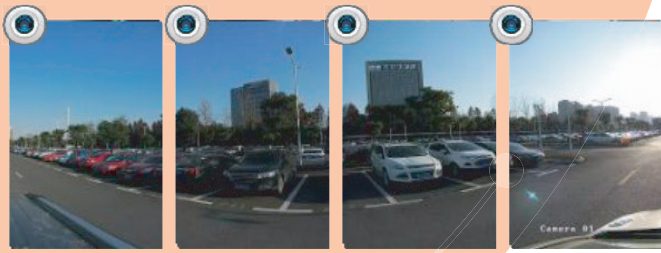
* Note: LED indicators are not in PRAMA standard product portfolio and 3rd party LED indicators support may require customization process for actual project. For more technical information, please contact PRAMA local technical support team

Parking Monitoring



PRAMA has a complete product solution for monitoring very large areas and detecting suspicious targets, even in dim light conditions. Additionally, our VMS platform and LED indicators manage and display the availability of public parking spaces.

PanoVu Panoramic Camera: Four innovative Dark Fighter imagers can deliver a panoramic view with ultra-low-light vision, effectively covering entire parking areas.

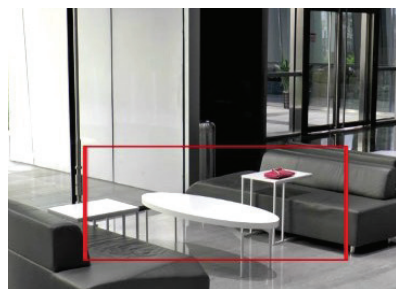


4 x rotated images in 1920x1080 resolution



stitching to one panoramic image in (4096x1800) resolution

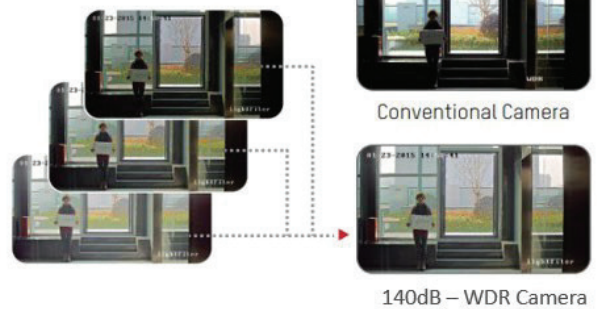
Entrance & Lobby



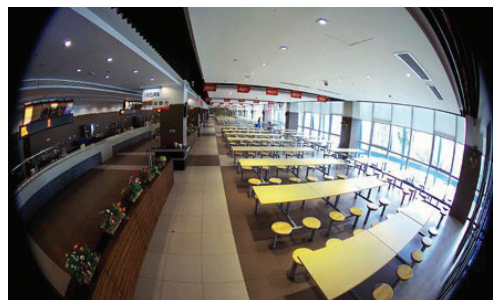
In school, the main entrance and lobby areas are the most frequented locations that require high detailed facial images even in high lighting contrast environment.

- **Super WDR camera:** PRAMA camera can reach up to 140dB Wide Dynamic Range for obtaining a crystal clear image quality even in high contrast sunshine environment.
- **4K Ultra HD camera:** from fixed box camera with dedicated wide angle lens to panoramic fisheye camera, PRAMA has a full range of 4K products to meet highest definition requirement.

140dB Triple-Exposure WDR



Lobby & Waiting Room

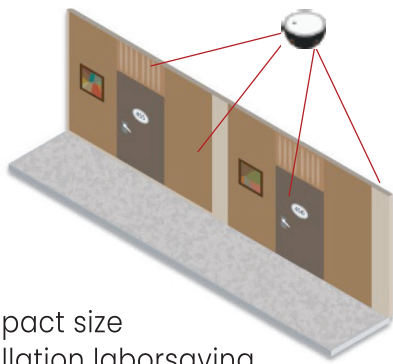


In this spacious areas, less camera counts means less installation & labor fees. A high definition panoramic solution is ideal for these areas to get a maximum monitoring views and image quality insurance.

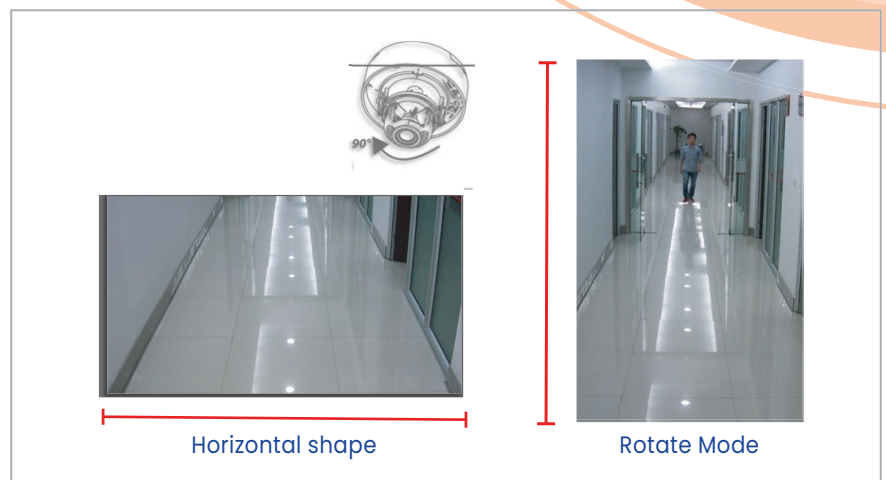
Hallway & Corridor



The traditional bulky box type or dome type cameras brings a visible security presence for deterrence purpose. However, PRAMA's mini & covert series cameras can give a more discreet and less intrusive solution to create a comfortable interior environment.



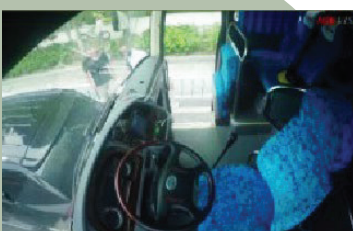
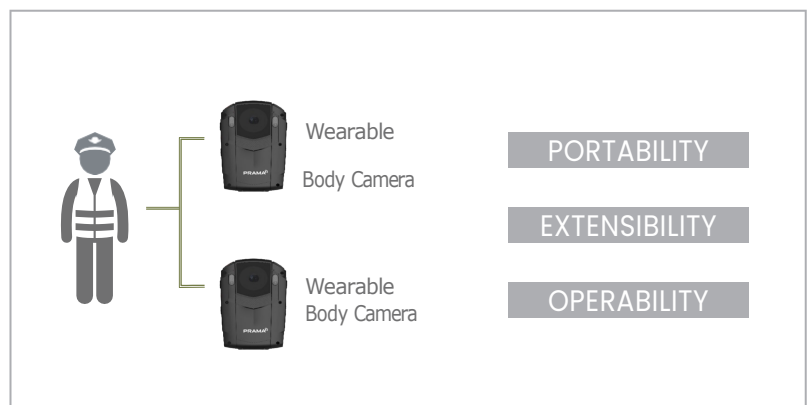
- Compact size
- Installation laborsaving
- One camera delivers two different monitoring views



Private Security



Private Security Guard:
PRAMA hand-held security cameras can help private guarding team to keep valuable video footages for post- investigations.



Incident Occurs



Forensic Capture



Instant Communication



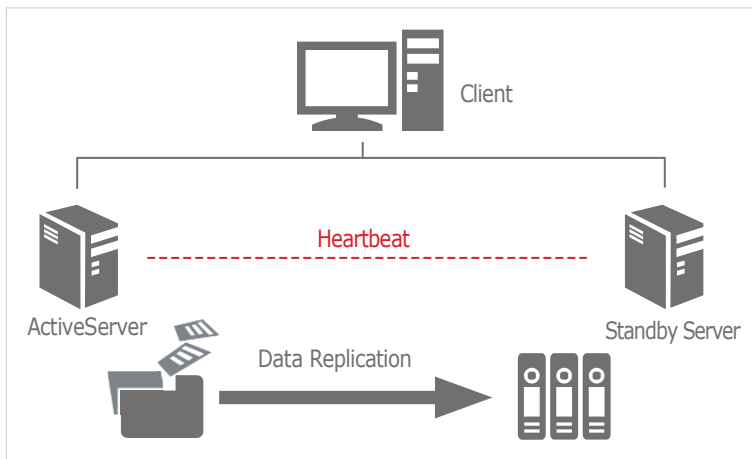
Post-Event Investigation

Security Center



Storing critical video footage of daily operations in a bank's security center is a core component of a total CCTV system. It requires the utmost reliability and manageability for data protection and security operations.

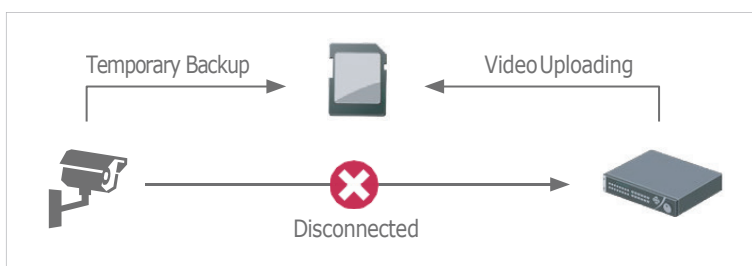
- **Embedded NVR:** PRAMA has the richest embedded network recorder product line – from 4 channels to 256 channels – for every level of need
- **Video Management Platform:** PRAMA VMS Video Platform is the CCTV system core that manages, views, playback, and controls all the daily Operations among all devices
- **Network Storage Server:** A must-have product line for total secure data storage
- **Monitor Display System:** From standalone monitors to large TV walls, PRAMA has it all



Data Safety Server Redundancy Design



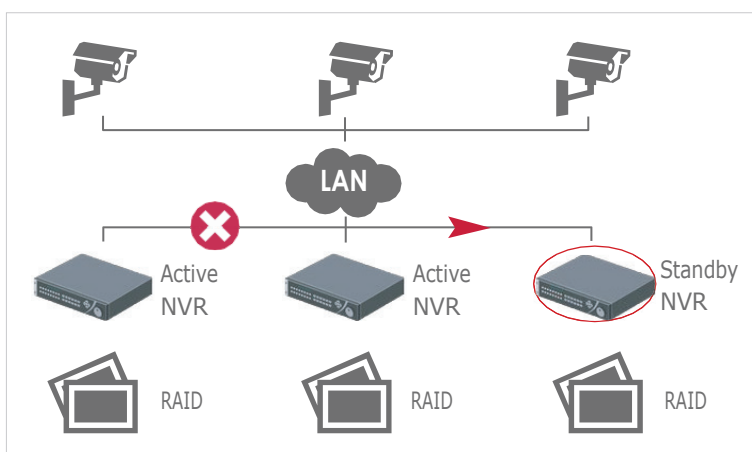
- Active & standby servers
- "Heartbeat" function automatically backs up users' Information if one server is interrupted
- Ensures users 'live view and playback in case of failover



Data Safety Auto Network Recovery (ANR)



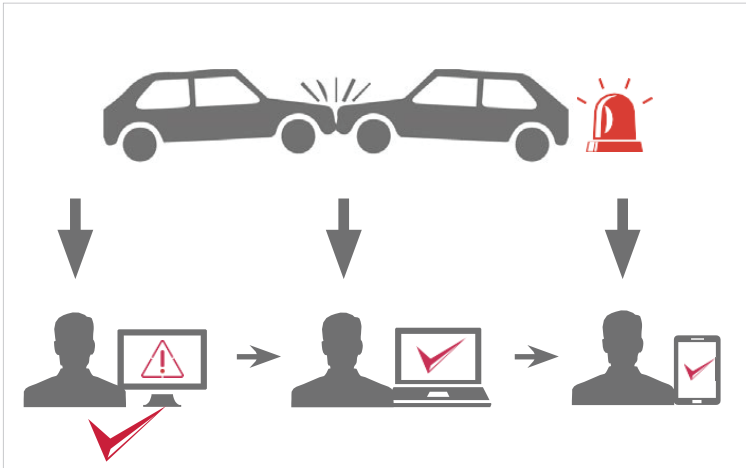
- Auto backup if network connection is interrupted
- Data moves from SD Card to back-end device while network connection is device while network connection is restored
- We recommended using PRAMA brand Micro SD card for ANR storage



Data Safety RAID & N+1 Failover



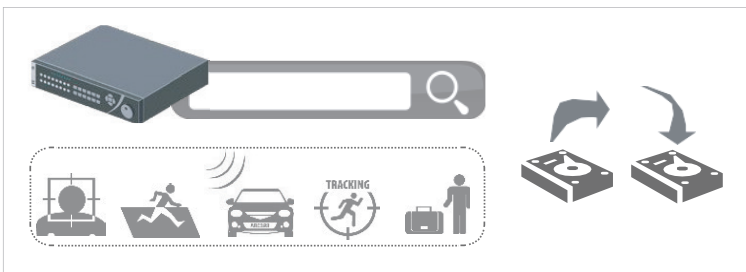
- **Single-spot storage backup:** Multi-RAID supported by embedded NVR and Storage Server
- **Multi-spot storage backup:** When any active NVR is out of service, the stand by NVR can take over recording automatically



Alarm Management Multi-users Notification



- Real-time alarm notifications sent to VMS control clients
- Even mobile clients can receive notifications
- One-Check-All mechanism allow some user to handle the event and others to simply receive notification



Large Data Management Smart Backup



- Supports event footage backup
- Saves maximum storage space



Large Data Management Smart Search



- Fully compatible with PRAMA Smart IP Cameras
- Easy and quick event search for snapshots and video recording
- Plays back the target event footage at standard speed and can fast-forward (up to 16x)
- Un-related video can be skipped during playback



Storage Server



Double controller & power module for data safety



Modularized design and hot plugging for easy maintenance



Supports Hybrid SAN for better return on investment



Decoder



Video Wall Controller



TV Wall