



....The Guru Of Tomorrow's Technology
(An ISO 9001 : 2008 Certified)

BRIHASPATHI TECHNOLOGIES PRIVATE LIMITED

The Guru of Tomorrow's Technology

PRODUCTS

- ✘ CCTV Surveillance System
- ✘ Bio-Metrics Time & Attendance System
- ✘ Access Control System
- ✘ Vehicle Tracking System
- ✘ Metal detectors
- ✘ Video Door Phone
- ✘ Fire Alarm etc,.



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CCTV SURVEILLANCE SYSTEM

CCTVs plays a predominant role every where irrespective of the Sectors.

1. Educational Sector
2. Hospitals
3. Domestic Usage
4. Industrial Sector
5. Commercial Sectors etc,.

TYPES OF CAMERAS

Based on the resolution(Clarity), Cameras are classified into 3 Types.

1. Analog Cameras

2. High Definition(HD) Cameras

3. Internet Protocol(IP) Cameras



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What Is ANALOG CAMERA

In the traditional analog CCTV Application, security cameras capture an analog video signal and transfer that over coax cable to the Digital Video Recorder (DVR). Each camera may be powered by plugging in the power supply right at the camera or by using RG59 Siamese cable which bundles the video and the power cables. The DVR converts the analog signal to digital, compress it, and then stores it on a hard drive for later retrieval. Intelligence is built into the DVR to handle such things as scheduling, motion detection, and digital zoom. Monitors for viewing the video are connected to the DVR, or it can be and digital zoom. Monitors for viewing the video are connected to the DVR, or it can be set up to broadcast over the internet the video for all of the cameras is transmitted as one stream (use IP address). Therefore, it is very efficient.

What Is HD CAMERA

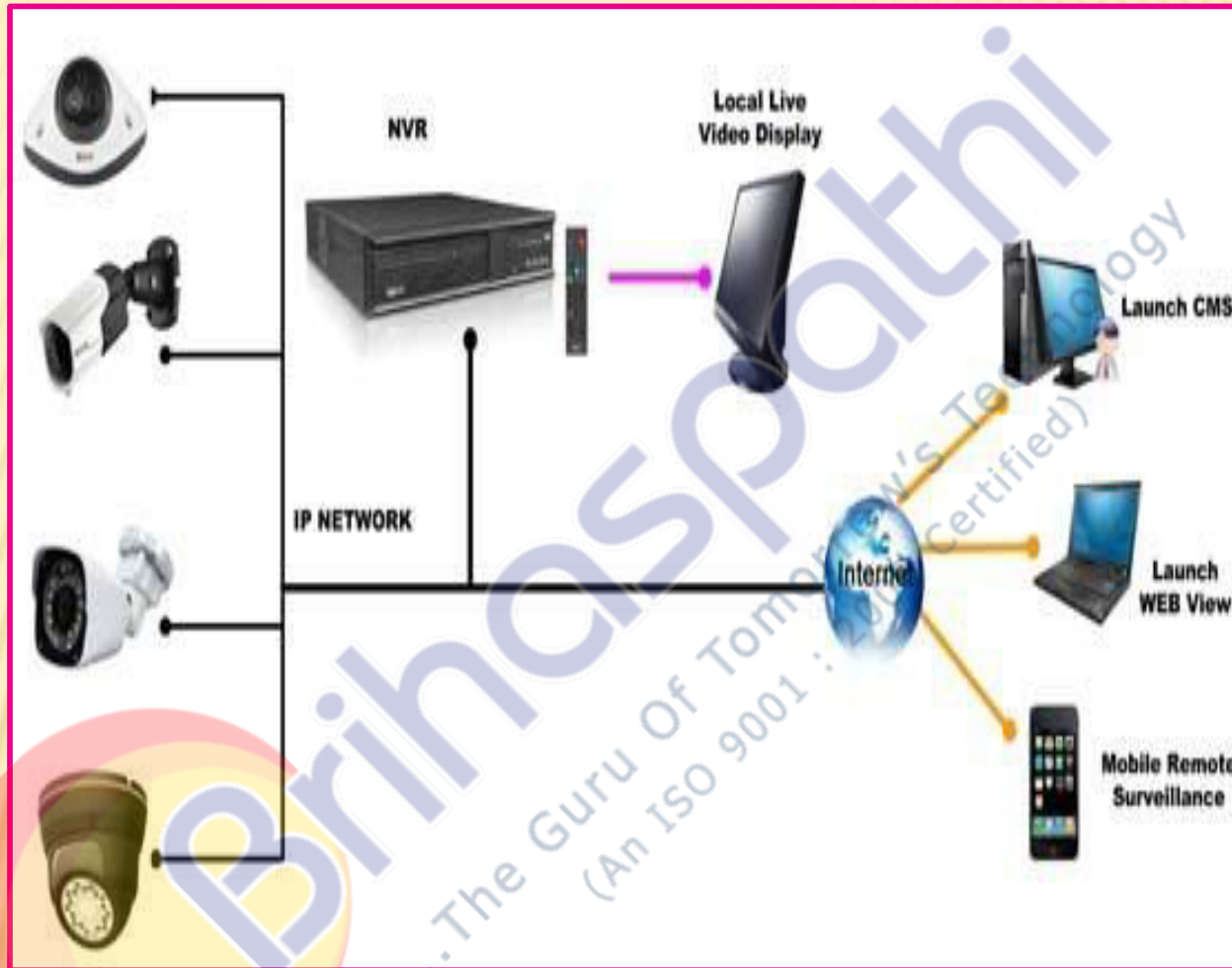
AHD is a newly developed solution for transmitting full HD digital video in a surveillance system. The core concept of AHD is to deliver high definition video using digital TV (DTV) transmission. With AHD, high definition digital video can be transmitted easily over coaxial cables, twisted pairs, or simply over the air. Multiple 1080p30 and 1080p60 video streams can be easily transmitted using AHD over a single cable up to a length of 1000 meters without the need of a repeater.

What Is IP CAMERA

In the IP world, each network camera captures an analog image but immediately converts it to digital inside the camera. Some digital processing can happen right at the camera, such as compression and motion detection. The digital video stream is then broadcast over the local area network (LAN) using Ethernet (CAT5 or CAT6) cable. Power is supplied to the cameras through the Ethernet cable via Power-Over-Ethernet (POE) adapters built into the cameras and at the (POE enabled) switch. The Ethernet cable for each camera is plugged into the switch which feeds into the network hub. As with all network devices, some set-up needs to be done for each network camera to set up its IP address and other identifying



ANALOG SOLUTION



IP SOLUTION

BASED ON FEATURES, CAMERAS ARE OF DIFFERENT TYPES SUCH AS

- 1.DOME CAMERAS**
- 2.BULLET CAMERAS**
- 3.PTZ CAMERAS(PAN TILT ZOOM)**
- 4.BOX CAMERAS**
- 5.FISH EYE CAMERAS**

NOTE: WHATEVER MAY BE THE TYPE OF CAMERA,ALL THE ABOVE TYPES WILL B AVAILABLE IN EACH



IR DOME CAMERA

This camera is mainly suggested for Indoor Purpose where wide angle covers

Features:

Digital Image Sensor, 3.6mm lens,

Distance: 20m/30m

Analog: 600/700 TVL

HD: 720P

IP: 1.3MP/3MP/MP



IR BULLET CAMERA

This camera is mainly suggested for Outside Purpose where long & Sharp areas to be covered.

Features:

Digital Image Sensor, 3.6mm lens,

Distance: 20m/30m

IP66 Rating (Weather Proof)

Analog: 600/700 TVL HD: 720P IP: 1.3MP/3MP/MP



PTZ CAMERA

This camera is mainly suggested for Open Areas where all the angles to be covered.

Features:

Digital Image Sensor, 3.6mm lens, 22X/27X/33X

Distance: 100m/150m

IP66 Rating (Weather Proof) optional

Analog: 600/700 TVL HD: 720P IP: 1.3MP/3MP/MP



BOX CAMERA

This camera is mainly suggested for the premises where specific areas are to zoomed and focused.

It is mainly preferred at Jewellery Shops



FISH EYE CAMERA

This camera is mainly suggested where all the directions to be covered at a time(360 degrees).

It is Suggested based on Customer's requirement only

OTHER ACCESSORIES

ANALOG SOLUTION

- ✘ DVR is used for recording Purpose
- ✘ Hard Disk is used to retrieve the data
- ✘ 1 power adapter is enough for 4 cameras
- ✘ BNC & DC Connectors are used
- ✘ Co-axial cable is used

IP SOLUTION

- ✘ NVR is used for recording Purpose
- ✘ Hard Disk is used to retrieve the data
- ✘ 1 power adapter is suggested for 1 camera
- ✘ RJ45 Jacks are used as connectors
- ✘ Network cable will be used

BRANDS WE ARE DEALING

Analog Cameras Brands

- Hawksi
- Hikvision
- Godrej
- Panasonic
- Samsung
- Honeywell

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IP Cameras Brands

- Hawksi
- Hikvision
- Pelco
- Samsung
- Honeywell
- Axis
- Acti
- Everfocus



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BIOMETRICS TIME & ATTENDANCE SYSTEM

Biometrics is the science of recognizing an individual based on his or her physical and behavioral traits. Biometric-based authentication systems are widely considered to be more reliable than established password systems for verifying individuals.

Attendance can be calculated by taking inputs in different methods.

- Finger Print
- Card Based
- Face Recognition

ESSL-K21



Finger Print Templates:500

Transactions:50,000

Card:Not Applicable

Battery:Not Supportable

Sensor:500DPI Optical Sensor

Identification Speed:<=1Sec

LED Indication: Red/Green

Display:2.8" Color TFT

Communication:TCP/IP,USB

Access Control: Not Supported

ESSL-K20



Finger Print Templates:500/1000

Transactions:50,000

Card capacity:500

Battery:In-Built Battery for 30min

Sensor:500DPI Optical Sensor

Identification Speed:<=1Sec

LED Indication: Red/Green

Display:2.8" Color TFT

Communication:TCP/IP,USB

Access Control: Supported

Exit Device:Push Button

ESSL-K30



Finger Print Templates:500/1000

Transactions:80,000

Card capacity:1000

Battery:In-Built Battery for 30min

Sensor:500DPI Optical Sensor

Identification Speed:<=1Sec

LED Indication: Red/Green

Display:2.8" Color TFT

Communication:TCP/IP,USB

Access Control: Supported

Exit Device:Push Button

ESSL-I9



Finger Print Templates:2200

Card capacity:2200

Transactions:1,00,000

Battery:Not Supported

Sensor:500DPI Optical Sensor

Identification Speed:<=1Sec

LED Indication: Red/Green

Display:2.8" Color TFT

Communication:TCP/IP,USB

Access Control: Not Supported

ESSL-SC405



Card capacity:30,000

Transactions:80,000

Battery:Not Supported

Identification Speed:<=1Sec

LED Indication: Red/Green

Display:Black & White

Read Range:8-10cm

Communication:TCP/IP

Access Control: Supported

Exit Device:Push Button/Exit

Reader Card

Based(KR100/KR500)

ESSL-X990



Finger Prints:3000

Card capacity:3000

Transactions:1,00,000

Battery:Optional Battery(4Hours)

Identification Speed: ≤ 0.5 Sec

LED Indication: Red/Green

Display:3" Colour TFT

Sensor:500DPI Optical Sensor

Communication:TCP/IP,USB

Access Control: Supported

Exit Device:Push Button/Exit

Reader Card

Based(KR100/KR500)/Exit Reader

Finger Print Based(F12)

ESSL-F18



Finger Prints:3000

Card capacity:3000

Transactions:30,000

Battery:Optional(4 Hours)

Identification Speed: ≤ 0.5 Sec

LED Indication: Red/Green

Display:2.8" Colour TFT

Sensor:500DPI Optical Sensor

Communication:TCP/IP,USB

Access Control: Supported

Exit Device:Push Button/Exit

Reader Card

Based(KR100/KR500)/Exit Reader

Finger Print Based(F12)

ESSL-IFACE 301



Face Capacity:1200(1:N)

Card capacity:10,000

Transactions:1,00,000

Battery:Optional Battery(4Hours)

Identification Speed: ≤ 1 Sec

LED Indication: Red/Green

Display:4.3"Colour TFT

Communication:TCP/IP,USB

Inbuilt PUSH DATA Technology

Access Control: Supported

EXIT DEVICE:PUSH BUTTON

ESSL-IFACE 302



Face Capacity:3000(1:N)

Finger Print capacity:2,000

Transactions:1,00,000

Battery:Optional Battery(4Hours)

Identification Speed:<=2Sec

LED Indication: Red/Green

Display:4.3" Colour TFT

Communication:TCP/IP,USB

Inbuilt PUSH DATA Technology

Access Control: Supported

EXIT DEVICE:PUSH BUTTON

ESSL-UFACE 602



Face Capacity:1200(1:N)-3000
Optional

Finger Print capacity:2,000

Card Capacity:10,000(Optional)

Transactions:1,00,000

Battery:Optional Battery(4Hours)

Identification Speed: ≤ 0.5 Sec

Sensor:500DPI Optical Sensor

LED Indication: Red/Green

Display:4.3" Colour TFT

Communication:TCP/IP,USB

Inbuilt PUSH DATA Technology

Access Control: Supported

EXIT DEVICE:PUSH BUTTON

For all the above mentioned models and also to refer other models,
please go through

[HTTP://WWW.ESSLSECURITY.COM/](http://www.esslsecurity.com/)



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Vehicle Tracking System



Functioning of VTS



Features

- Alarm notifications via SMS for vehicles fitted with OE Alarm
- SMS to locate your vehicle 24*7
- Real time web based tracking on PC
- Vehicle trip history and summary
- Allow additional number to receive alerts and locate your vehicle
- up to 15000 location data storage in the event of GSM/GPRS blackout

HARDWARE Features

- GPS Module having -163dB sensitivity with onboard antenna
- GSM/GPRS module with onboard antenna
- Works on both 12V & 24V Battery Vehicle
- Smart size (111.4 mm X 60.5 mm X 22.2 mm)
- Easy installation in vehicle (connect only VBATT, IGN & GND, Alarm optional)

SOFTWARE Features

- Live tracking of the vehicle of Map
- Observe Trace back of past locations (e.g. last week location date) on Map
- Generate Report of the vehicle trip history
- Create and Assign various boundary alert (entry or exit), routes, position point alert etc.
- Assign the over speed limit and configure for alerts
- Can vary the time between two date log points as per your convenience
- Easily update the vehicle tracking configurations like Owner's number, Co-Owner's number, vehicle Reg. ID etc, on website.

Additional Features

Configuration Notification

- Whenever user profile is updated in website, and Email and SMS will be sent to the registered mobile number.

Alarm indication through SMS

- Whenever alarm occurs in vehicle and Email and an SMS will be sent to the registered mobile number.

Towed away Alert

- Whenever vehicle moved from the parking condition an Email and an SMS alert will be sent to be the registered mobile number.

Over-speed Alert

- If vehicle speed exceeds set speed and Email and an SMS alert will be sent to the registered mobile number.

Boundary Entry Alert

- Whenever vehicle enters assigned boundary an Email and an SMS alert will be sent to the registered mobile number.

Boundary Exit Alert

- Whenever vehicle exits assigned boundary zone an Email and an SMS alert will be sent to the registered mobile number.

Route deviation Alerts

- Whenever vehicle deviated set distance in the assigned route, an Email and an SMS alert will be sent to the registered mobile number.

LOGIN PAGE(www.autocoptrackpro.com)

AUTOCOP | Telematics

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LOGIN

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Windows taskbar: AUTOCOP |..., AUTOCOP |..., Sticky Notes, Microsoft P..., VTS(2) (1) ~..., VTS(2) (2) ~..., 12:02 PM 08-Mar-16

Use your Login Details(User Name & Password) in order to login into your Account



HOME PAGE

The screenshot displays the Autocop Trackpro web application interface. At the top, there is a navigation bar with the following menu items: **VIEW VEHICLE**, **MY ACCOUNT**, **REPORTS**, **LOCATE ON MAP**, and **WRITE TO US!!**. The user is logged in as **HI! BRIHASPATHI**, and there is a **LOGOUT** option.

The main content area features a map of Hyderabad, India, with a vehicle icon indicating the location of vehicle AP29B7999. A sidebar on the left contains a "Users" dropdown menu set to "-- ALL --" and a table listing tracked vehicles.

Sno	Vehicle Name	Status
1	AP29BT7999	
2	srinivas	
3	AP29BU3999	
4	APO9TR9999	
5	nagaraju	
6	AP09BL2525	
7	srikanth	

The map shows a detailed view of the area around Sanjeeva Reddy Nagar, with a speedometer overlay indicating a speed of approximately 60 km/h. The vehicle's current location is marked as **61/3RT, SR Nagar Main Rd, Sanjeeva Reddy Nagar, Office Area, Sanjeeva Reddy Nagar, Hyderabad, Telangana 500873, India**. The data is from **Mar 8 2016 12:07PM (Latest data)**. A "See Trail" button is visible below the location details.

At the bottom of the browser window, the taskbar shows various application icons, including Windows Explorer, Google Chrome, and Microsoft Office. The system tray displays the time as **12:08 PM 08-Mar-16**.

❖ In Home Page, if the Status is Blinking in GREEN Color, it indicates that the IGNITION ON (Engine in in ON Condition)

❖ In Home Page, if the Status is Blinking in RED Color, it indicates that the IGNITION OFF (Engine in in OFF Condition)

❖ You can add multiple Devices in Single Account with Single User Name & Password

❖ If you Select a particular Vehicle, you will get a pop-up on Home Page regarding the Vehicle Location, Engine Status and Speed of the Vehicle and Date etc.,

In Home Page, You will Get different Options(Modules) such as

❖ View Vehicle

❖ My Account

❖ Reports

❖ Locate on Map

❖ Write to us



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In View Vehicle Option, You will have sub modules such as

- ❖ Live Tracking
- ❖ Multiple Vehicle Tracking
- ❖ Trace vehicle History
- ❖ Current Address

The screenshot displays the Autocop Trackpro web application. The interface includes a navigation menu with options: VIEW VEHICLE, MY ACCOUNT, REPORTS, LOCATE ON MAP, and WRITE TO US!! A dropdown menu is open, listing sub-modules: LIVE TRACKING, MULTIPLE VEHICLE TRACKING, TRACE VEHICLE HISTORY, and CURRENT ADDRESS. Below the menu is a table of vehicle data and a map showing the location of a selected vehicle.

Sno	Vehicle Name	Status
1	AP29BT7999	
2	srinivas	
3	AP29BU3999	
4	APO9TR9999	
5	nagaraju	

Map details:
Location: AP29BT7999
Address: SR Nagar Rd Number 1
Date/Time: Mar 8 2016 12:28PM(Latest data)
Full Address: 61/3RT, SR Nagar Main Rd, Sanjeeva Reddy Nagar

- ❖ Live Tracking-By using this Option,you can track the vehicle status, location etc,. for Single Vehicle
- ❖ Multiple Vehicle Tracking-By using this Option,you can track multiple Vehicles Status, Address and other details at a time
- ❖ Trace vehicle History-By using this Option, you can trace the Vehicle History for Past 15 days(You can Select the Car Indication Option or Bubbling with Numbers Option)
- ❖ Current Address-By Using this Option, Simply you will get the current Address of Selected Vehicle.

In MY ACCOUNT Option, You will have sub modules such as

- ❖ **Manage Account**-By using this option,yoy can manage your account by adding your profile to your Accounts such as vehicle Names,Owner Number,IMEI Number of Sims and email ID etc,.
- ❖ **Circular Geofence**-By Using this Option,You can Create Boundaries in Circular Form so that if the vehicle deviates the boundaries,an SMS alert will come to the registered Mobile Number
- ❖ **Rectangular Geofence**-By Using this Option,You can Create Boundaries in Rectangular Form so that if the vehicle deviates the boundaries,an SMS alert will come to the registered Mobile Number
- ❖ **Polygon Geofence**-By Using this Option,You can Create Boundaries in Polygon Form so that if the vehicle deviates the boundaries,an SMS alert will come to the registered Mobile Number
- ❖ **Configure Over Speed**-By Using this Option,you can assign Speed limits for Selected Vehicles so that if any vehicle runs at more that Specified speed limit,SMS alert will come to the registered Mobile Number.



VIEW VEHICLE

MY ACCOUNT

REPORTS

Config

MANAGE ACCOUNT

CIRCULAR GEOFENCE

RECTANGLE GEOFENCE

POLYGON GEOFENCE

CONFIGURE OVER SPEED

Note *: Alert Should be greater than

Vehicle : Select Vehicle

Sno	Vehicle	Over Speed	Modify	Delete
1	APO9TR9999			
2	AP09BL2525	NA	Modify	Delete
3	AP29BU3999	NA	Modify	Delete

In REPORTS Option, You will have sub modules such as

- ❖ **IGNITION ON**-By using this Option, You will get the Report when the Engine Status is ON
- ❖ **IGNITION OFF**-By Using this option, you will get the Report when Engine is OFF
- ❖ **IGNITION ON OFF Report**-By Using this option, You will get entire Trip Report
- ❖ **Daily Summary Report**-By Using this Option, you will get the Report for Particular Day.
- ❖ **Bold Stops**-By Using this Option, You will get the Stoppage Report at Bold Points.
- ❖ **Geofence Report**-By Using this Option, You will get the report of Geo fencing which you assign in MY Account-Geofence Option
- ❖ **Speed Report**-By Using this option, You will get Over Speed Report
- ❖ **Detailed Report**-By Using this option, you will get the detailed report for particular for entire month or for Selected Dates



Note *: Alert Should be greater than or equal 20 .

Vehicle : Select Vehicle Over

Sno	Vehicle
1	APO9TR9999
2	AP09BL2525
3	AP29BU3999
4	nagaraju
5	srinivas
6	srikanth
7	AP29BT7999

- IGNITION ON
- IGNITION ON OFF (TRIP) REPORT
- IGNITION OFF
- DAILY SUMMARY REPORT
- BOLD STOPS
- ALERTS
- GEOFENCE REPORT
- A/C REPORT
- SPEED REPORT
- ALERT DASHBOARD
- DETAILED REPORT

MPH	Assign	Actions
		Modify Delete
		Modify Delete
		Modify Delete
		Modify Delete
		Modify Delete
		Modify Delete

PRICE

Available at affordable Prices

Rs.6500/-



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METAL DETECTORS

A **metal detector** is an electronic instrument which detects the presence of metal nearby. Metal detectors are useful for finding metal inclusions hidden within objects, or metal objects buried underground. They often consist of a handheld unit with a sensor probe which can be swept over the ground or other objects.

Metal detectors are of Two Types.

1. Door Frame Metal Detectors
2. Hand Held Metal Detectors

DOOR FRAME METAL DETECTORS

Door Frame Metal Detectors are classified as

- ❖ *Portable Door Frame Metal Detector*
- ❖ *Standard Door Frame Metal Detector*

which was classified as

- *Single Zone*
- *Multiple Zone*

PORTABLE DOOR FRAME METAL DETECTOR(D2055)



- ✘ Auto tuning / calibration
- ✘ Advanced Microprocessor controlled induction loop
- ✘ Search coil housed in Telescopic extendable PVC frame with
- ✘ wooden side supports
- ✘ IR sensor to avoid alarm indication for metal movement
- ✘ outside the frame
- ✘ Works on AC, re-chargeable battery and dry battery.
- ✘ Plug – in card systems.

SINGLE ZONE STANDARD INDOOR DFMD(IR 2005)



- ✘ Auto tuning / calibration
- ✘ Advanced Microprocessor controlled induction loop
- ✘ Works on AC and re-chargeable battery.
- ✘ Plug – in card systems
- ✘ IR sensor to avoid alarm indication for metal movement
- ✘ outside the frame
- ✘ LCD Display

SINGLE ZONE STANDARD OUTDOOR DFMD(SK111)



- ✘ Auto tuning / calibration
- ✘ Advanced Microprocessor controlled induction loop
- ✘ Works on AC and re-chargeable battery.
- ✘ Plug - in card systems
- ✘ IR sensor to avoid alarm indication for metal movement outside the frame
- ✘ LCD Display
- ✘ It is completely weather proof and withstand for all climatic conditions

SIX ZONE STANDARD OUTDOOR DFMD(SK666)



- ✘ Auto tuning / calibration
- ✘ Advanced Microprocessor controlled Induction loop
- ✘ 6 Horizontal zones
- ✘ Works on AC and re-chargeable battery
- ✘ Plug – in card systems.
- ✘ IR sensor to avoid alarm indication for metal movement outside the frame

NINE ZONE STANDARD OUTDOOR DFMD(SK999)



- ✘ Auto tuning / calibration
- ✘ Advanced Microprocessor controlled Induction loop
- ✘ 9 Horizontal zones
- ✘ Works on AC and re-chargeable battery
- ✘ Plug – in card systems.
- ✘ IR sensor to avoid alarm indication for metal movement outside the frame

HAND HELD METAL DETECTORSHAND HELD METAL DETECTOR-H8



- ✘ The Hand Held Metal Detector (HHMD) has cycle –switch to switch sound alarm and hidden vibration alarm respectively . Highly sensitive, detect ferrous and nonferrous metal concealed with rods

HELD METAL DETECTOR-H9



- ✘ Single Push Button Operation
- ✘ Fast Scanning Rate
- ✘ High Sensitive-Weapons Screening System
- ✘ Large Coil for Wide Coverage
- ✘ Works for >350 hours on 9V Alkaline Battery
- ✘ Rechargeable Battery at extra cost
- ✘ Operating Temperature-30 to 55 degrees
- ✘ Detects Ferrous and Non-Ferrous metals

HELD METAL DETECTOR-SK999



- ✘ Single push-button operation. (Fatigue free operation)
- ✘ Automatic tuning.
- ✘ Highly sensitive weapons screening system.
- ✘ Fast scanning rate. Large coil for wide coverage. LED indicator with audio alarm.
- ✘ Works for > 200 hours on 9 V battery. (Rechargeable battery option also available)
- ✘ Lightweight < 300 gms.
- ✘ Detects ferrous and non ferrous. Area 125 sq.cm

VIDEO DOOR PHONES

- ✘ Door phone systems perform a simple but important function. Door phones allow one to communicate safely with visitors without any need for physical interaction with them. By installing a door phone system you will increase not only your home security, but also the convenience of managing daily household chores.
- ✘ Some video door phones come with a remote control enabling you to observe your front door from anywhere in your house.

CAPTURE 4" B&W VIDEO DOOR PHONE



- ✘ Hands-free video door phone to call, monitor and unlock
- ✘ 420TVL IR Camera outdoor
- ✘ Intercom and call transfer facility between indoor monitors
- ✘ Elegant & attractive design : 4-inch CRT
- ✘ Crystal-clear audio quality
- ✘ IR LED outdoor camera provides clear pictures at night
- ✘ Volume, brightness and contrast control

CAPTURE 7" COLOUR VIDEO DOOR PHONE



- ✘ Hands-free Video Door Phone to call, monitor, and release door Locks.
- ✘ Expandable up to 4 Indoor Monitors and 4 Outdoor Cameras
- ✘ Call Transfer and Intercom Facility between Indoor Monitors.
- ✘ Sleek and Elegant Design matching to Modern Interiors.
- ✘ Backlit Touch Buttons and a Decorative Light.
- ✘ More than 10 melodies for ring selection
- ✘ DIY system with 4 wires; PLUG & PLAY connection, easy to install
- ✘ White LED's on Outdoor Camera provide Clear image at night
- ✘ Backlit Name Tag and Call Button on Outdoor Camera

FIRE ALARM SYSTEM

A fire alarm system is intended to enable a fire to be detected at a sufficiently early stage so that people who are at risk can be made safe either by escaping from the fire, or by the fire being extinguished (also to prevent extensive property damage).



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WHY USE A FIRE ALARM SYSTEM?

Fire Alarm Systems are used to protect life and property. It protects by:

- a. detecting a fire at an early stage
- b. alerting and evacuating occupants
- c. notifying the relevant personnel
- d. activating auxiliary functions
- e.g. smoke controls, lift homing etc

WHAT IS A FIRE ALARM SYSTEM MADE UP OF?

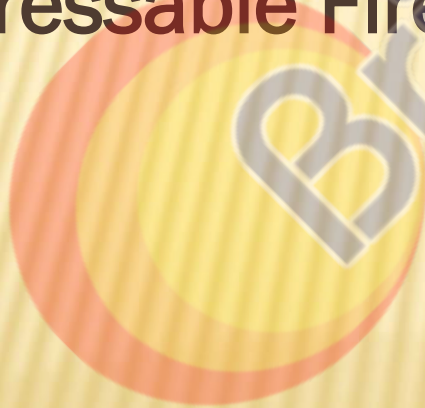
Components forming the System -

- ✘ Smoke / Heat Smoke / Heat / Fire Detectors
- ✘ Alarm Panels (Control and Indicating Equipment Control and Indicating Equipment)
- ✘ Hooters/Alarm Bells (Alarm Bells (Fire Alarm Devices Fire Alarm Devices)
- ✘ Manual Call Points Manual Call Points
- ✘ Response Indicators
- ✘ Charger/Battery (Charger/Battery)

TYPES OF FIRE ALARM SYSTEM

Fire Alarm Systems are classified into 2 types based on the connections

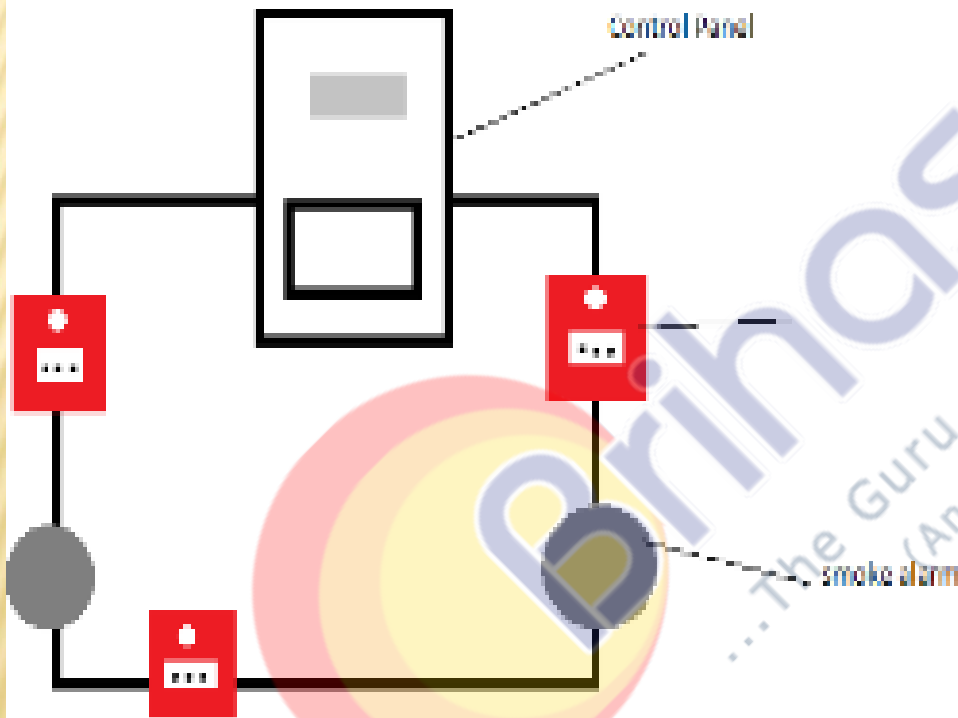
1. Conventional Fire Alarm System
2. Addressable Fire Alarm System



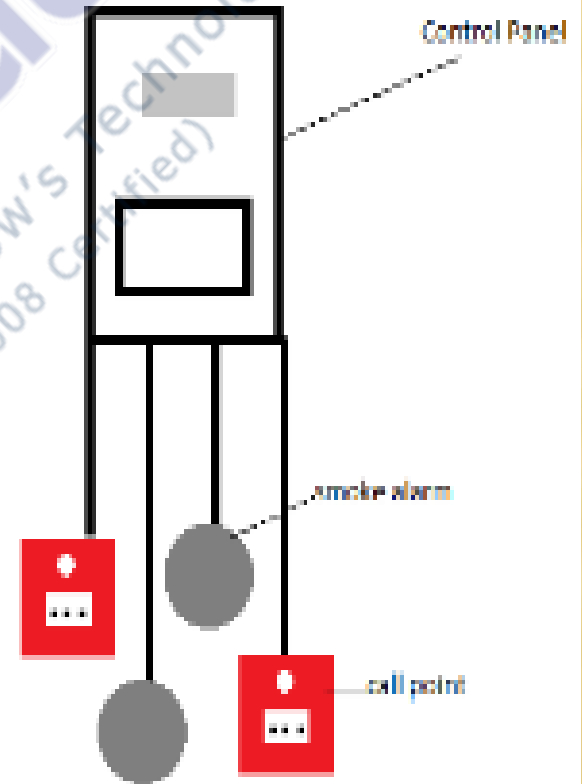
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CIRCUIT DIAGRAMS

Addressable Alarm System



Conventional Alarm System



ADDRESSABLE FAS

- ✘ Addressable fire alarms are a necessity for large building complexes or campuses.
- ✘ Addressable fire alarms can be set up in loops. All of the devices installed as part of an addressable fire alarm system connect to a single cabling loop.
- ✘ Less Quantity of Cable is required
- ✘ If cable breaks at any point, whole zone doesn't work
- ✘ Mix of brands can be used.

Eg: We can use one brand of Panel, one brand of Detectors, another brand of Hooter etc.,

CONVENTIONAL FAS

- ✘ Conventional fire alarms are ideal for small buildings, such as individual offices or retail shops
- ✘ Conventional fire alarms can be set up in zones, with each zone hardwired to a control panel
- ✘ More Quantity of Cable is required
- ✘ If cable breaks at any point, particular detector doesn't work
- ✘ Single brand Should be used.

Eg: We can use only one brand of Panel, same brand of Detectors, same brand of Hooter etc.,

Thank
you



PREPARED BY SALMA SHAIK