



NEWSLETTER ANULOM

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CCTV (Closed Circuit Television)



Constant monitoring has become an important aspect of our daily lives. With the help of closed-circuit television (CCTV) systems, it is possible to keep a constant eye on specific areas and be informed of any incidents that may occur. These systems have transformed the way we approach security and safety. The demand for CCTV (Closed Circuit Television) has been on the rise in recent years and is not only a security feature owned by a business, but also a sought-after necessity within local households, irrespective of the size and type of home.

Why is it called CCTV?

CCTV means “Closed-circuit television” and is commonly known as a video surveillance technology. “Closed-circuit” means broadcasts are limited (closed) to a selected group of monitors, unlike “regular” TV, which can be received and viewed by whoever sets up a reception device.

Who introduced CCTV?

CCTV was invented by Walter Bruch and was first used back in 1942 in Germany to capture live video footage. Operators used these early forms of CCTV in wartime to monitor V-2 rockets. It was not until seven years later, in



Editorial...

Dear Readers,

Thank you for sending us wishes for Anulom Newsletter on successfully completing two years of its publication.

We have dealt with many issues in these Newsletter in the interest of the readers, and had a good response for the same.

In this issue also, we are addressing an important subject of one of the Security systems viz. CCTV. We hope you all will find this Article interesting and useful in your business and personal life.

We request you to let us know your views on the Newsletters. You may also send your Articles for these Newsletter. Your contribution will be highly appreciated.

– Editor

1949, that CCTV became available commercially.

The main function of a CCTV camera is to capture light and convert it into a video signal. At the core of a CCTV camera is a CCD sensor (Charge Coupled Device). This converts light into an electrical signal. Signal processing converts the electrical signal to a video signal that can be displayed on screen or recorded.

CCTV systems work based on capturing a sequence of images and displaying them as Real-time





videos. The two types of CCTV systems are wired and wireless systems. Wireless systems work on the concept of connecting to a signal hub connection and giving you 24/7 viewing.

What is the full form of DVR?

The full form of DVR is Digital Video Recorder. It is an electronic gadget that is primarily used to record video in a digital setup to a USB flash drive, disk drive, SD memory card and other local mass storage devices.

What is the difference between CCTV and security camera?

CCTV cameras, or closed-circuit television cameras, are a type of security camera that is typically used in public places in order to deter crime. Security cameras, on the other hand, can be used in both public and private settings and are often used in homes in order to provide extra security.

What are the benefits of CCTV?

Crime Prevention, Reduce Security Costs, Deterring Vandalism, Provides Camera Footage for Evidence.

The 7 Basic Components of CCTV

- Camera. The camera is the central part of a CCTV system.
- Monitoring Stations. At the monitoring station, operators use software-equipped computer monitors to review camera feeds.
- Video Recorders.
- Supporting Accessories.
- Video Recording Storage Devices.
- Power Supply.
- Video Management Software.

What is a CCTV security camera system?

CCTV (closed-circuit television) is a TV system in which signals are not publicly distributed but are monitored, primarily for surveillance and security purposes.

CCTV in public places provide evidence to relevant enforcement agencies. maintain public order. prevent antisocial behavior and nuisance.

How many types of CCTV are there?

The surveillance devices can be classified into nine types. They are dome, bullet, C-mount, PTZ pan tilt, Day/night, Infrared, IP, Wireless, and HD.

What are the benefits of CCTV?

Peace of mind, Deterrent and crime prevention, Prosecution, Remote monitoring, Ideal in conjunction with intruder alarms, Reduced insurance premium, Low price high quality.

Can CCTV work without internet?

You can operate CCTV cameras without the internet, and what is great is that they can even work without electricity. An internet connection is only required when the footage needs to be accessed remotely. Although using the internet has its benefits, it is certainly not a necessity.

Can CCTV work without electricity?

CCTV does not work without electricity but now with the advancement of technology, CCTVs have been updated a lot. A CCTV usually has a backup battery and onboard storage system so they can record things for some time at least based on the power of the battery.

How does CCTV work at night?

Night vision cameras rely on infrared light surveillance technology to capture detailed images at night. During daylight hours, quality cameras will deploy an infrared cut-off filter, which filters out mid-infrared wavelengths to prevent them from degrading the daytime image recordings.

What can damage a security camera?

Unfortunately, security cameras are sensitive to lasers. Laser pointers and laser pens can damage equipment lenses, rendering them useless.

How do you maintain CCTV?

The Ultimate CCTV Maintenance Checklist :

Regularly Clean Camera Lenses, Inspect Cables, and Connections, Test Your System Regularly, Back-Up Your Video Footage, Keep Your Software Up-To-Date, Monitor Your System Remotely, Check the Power Supplies, Check the Lighting Conditions.

Can CCTV Cameras Pick Up and Record Sound?

In short, yes, they can. CCTV cameras can record audio, although this works differently depending on whether you have IP CCTV cameras or more traditional analogue cameras. Analogue cameras need to have audio input directly through the DVR (digital video recorder).



कोर्टाची पायरी चढण्यापूर्वी...

सहकार्य आणि संघर्ष हे मानवी जीवनाचे दोन महत्त्वाचे घटक आहेत. मानवी इतिहासाच्या सुरुवातीच्या काळापासून ते अस्तित्वात आहेत. याचे कारण, मानवी स्वभावातच ते अंतर्भूत आहेत.

संघर्ष हा जरा तीव्र आणि व्यापक अर्थाचा शब्द आहे. भांडण, तंटा, वाद हे जरा सौम्य शब्द आणि दैनंदिन वापरातले शब्द आहेत. माणसामाणसात, तसेच माणसांच्या दोन गटांत भांडणे होत आली आहेत. असंस्कृत असणारा माणूस जेव्हा सुसंस्कृत झाला, तेव्हा तो गुह्यांवरून मुह्यांवर आला. भांडण-तंटा सोडवताना मुह्यांचा वापर तो अधिक करू लागला. मुह्यांवरून भांडण-तंटा सोडविण्याचे काम पूर्वी राजा स्वतः किंवा त्याचा प्रधान करीत असे. लहान-लहान गावांतून हे काम गावपंचायत करीत असे.

भांडण-तंटा सोडविणे यालाच सुसंस्कृत भाषेत न्यायदान म्हणतात. न्यायदान करणारा माणूस व्यवस्थितपणे विचार करणारा आणि समंजस असावा लागतो. विविधांगी जीवनाचा अनुभव घेतलेला असावा लागतो. न्यायदान करणारा माणूस असे सर्व गुण असलेला असेलच असे नाही. म्हणून जुन्या काही समाजधुरिणांनी समाज हिताचा विचार करून आचारसंहिता बनवली. समाजाचे व्यवहार त्यानुसार चालावेत अशी अपेक्षा होती. समाजात भांडण-तंटा, वाद निर्माण झाला तर त्या-त्या संहितेच्या आधारे तो सोडविण्याचा प्रयत्न केला जाई. त्या काळातला हा कायदाच होता. त्यामुळे वादाची सोडवणूक एखाद्या व्यक्तीवर अवलंबून न राहता, खराखरा न्याय मिळणे शक्य झाले.

पूर्वी वाद किंवा तंटा कोणत्याही प्रकारचा असो, न्यायदान करणार्या ठराविक व्यक्तीपुढेच तो निवारण्यासाठी जात असे. परंतु, समाज जसा मोठा झाला, तसे तंट्यांचे प्रकार आणि संख्या, दोन्हीत वाढ झाली. त्यामुळे तंट्यांचे वर्गीकरण होणे ओघानेच आले.

(क्रमशः)



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स्फुरणिका...

आचार्य अत्रे यांचे एक अमर आणि माझ्या आयुष्याला वळण देणारे वाक्य असे आहे, वाक्य म्हणण्यापेक्षा वचन - “जगात कंटाळण्यासारखे आहे तर काय? सर्वत्र नाविन्याचा लखलखाट आहे. जग उत्पन्न होऊन इतकी वर्षे झाली तरे ते रोज नवीन उत्पन्न होत आहे असे वाटते. सूर्योदयाचे आणि सूर्यास्ताचे पिवळे धमक सोने अजूनही पहिल्यासारखेच पिवळे धमक आहे. आकाशाचा निळा रंग विटला नाही. कळ्या-फुलांचा सुगंध उडाला नाही. तृणांची हिरवीगार मखमल अजूनही तशीच टवटवीत आहे. जग अमर आहे, चिरतरुण आहे. जगाच्या चिरंतन नाविन्याची जाणीव म्हणजे जीवन.” हे वचन मी गेले अनेक वर्षे वाचत आलो आहे, घोक्त आलो आहे; आणि इतरांना मोठ्याने म्हणून दाखवून माझ्या पाठांतराची चुणुकही दाखवली आहे.

पण नुकताच या वाक्यातील विरोधाभास माझ्या अचानक लक्षात आला. सूर्योदय, सूर्यास्त, आकाश, फुले, कळ्या, तृणांची हिरवीगार मखमल, इ. इ. या गोष्टी करोडो वर्षे आहेत. त्या तशाच असूनही त्यामधील नाविन्य आणि ताजेपणा आपल्याला सतत जाणवत आलेला आहे. कारण ती निसर्गाची, म्हणजे माझ्या दृष्टीने परमेश्वराची कमालच आहे. रोजच्या रोज नेमक्या त्याच वेळी सूर्योदय आणि सूर्यास्त होणे, हा एक चमत्कारच म्हणता येईल. पण त्यातील वर्षानुवर्षे तोचतोचपणा आपल्याला चुकूनही जाणवत नाही. म्हणून असे म्हणतात की, रोज जग नवीनच उत्पन्न होते आहे आणि त्यांना वाटते ते जेव्हा म्हणतात की जग अमर आहे, चिरतरुण आहे. पण खरे जगायचे असेल तर या सर्व रोज दिसणाऱ्या, अनुभवाला येणाऱ्या गोष्टीतील नाविन्याची जाणीव आपण सतत ठेवणे, याला जीवन म्हणायचे.

हा विरोधाभास कळायला मला अनेक वर्षे लागली असे म्हणायला हरकत नाही. खरे म्हणजे, अत्र्यांचे हे वाक्य पाठ करून मी माझी जबाबदारीच वाढवली आहे, असे मला वाटते. निसर्गातील प्रत्येक गोष्टीत, म्हणजे अगदी पाने, फुले, फळे, वृक्ष, नद्या, समुद्र सर्व सर्व गोष्टीत नाविन्य उलगडून आणि त्याची सतत संवेदनशील राहून जाणीव ठेवायची आणि आनंदाने जगायला शिकायचे म्हणजे प्रत्येक छोट्या-मोठ्या गोष्टीतील नाविन्य ओळखायचे हेच जीवनातील चैतन्य आहे असे मला वाटते.

- डॉ. अरविंद नवरे

डायरेक्टर, अनुलोम टेक्नोलॉजीज प्रा. लि.

मोबाइल : ९५५२३८४९३९



FEEDBACK FROM OUR SATISFIED CUSTOMERS...

Excellent service for leave and license registration. Rohit Shedage arrived well before time and registration was done in less than 5 mins. Will recommend to all.
— APEKSHIT TATU

Decent service with professional folks around. Rohit Shedage was courteous, punctual. Explained the steps, agreement context and reviewed the draft with all the parties, invoking confidence.
— MONARK SINGH YEDE

Anulom is incredibly convenient and hassle-free. I completed my biometric process and other tasks online which really saved a lot of time. Yogita Ghanekar and Suchita Raul have helped me for the entire process and kept me informed with each progress. Really appreciate their service.
— GAURAV SINGHAL

I have been a customer of Anulom for a long time now. And every time they exceed my expectations. Their instructions are precise. Always available to answer the query. I would recommend Anulom for rent agreement etc. Keep up the good work Anulom team. More success to you!!
— PRAVEEN KUMAR

Keerthana has been super helpful and within random chat & minutes, she provided a rental agreement copy on my email. I was just browsing my whatsapp to search my agreement but found Anulom what's app iD and randomly I posted my requirements. In 30 seconds I was replied and in the next 5 min approx. My rent agreement was with me in my email. Great job and perfect customer delight.. She deserves to be appreciated for the way she makes things easy on customer excellence.
— DHANESH BADLANI

Keerthana Rajendran relationship manager with Anulom has been a great support in time of need. Three cheers to Anulom for being part of the team. Impressed with the speed and efficiency. Thank you.
— NOEL SEBASTIAN

Great Service. Very Professional staff. Afsana's assistance in biometric execution and throughout the registration process was very helpful.
— HEMANT KADAM

Have been doing Anulom service for a long time, every year for making or renewal of rent agreement... Mr. Sunil Pingle, representative of Anulom is very professional and does his work very well. Thank you.
— RUPESH TIWARI

Excellent experience for rent agreement and further renewal. Vaidehee helped a lot and provided good updates as well as follow up. Overall good experience.
— SANDEEEP PATIL

The service is really good and the team is reliable and Polite especially Saritha and Pornima Bhalerao are very helpful. The process was very easy and smooth.
— ABDUL M

The interaction was good, Afsana knows her job well and is extremely polite and supportive. She explained the process nicely and cleared my doubts. This was a quick and very professional job.
— VYOM



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Designed by Amogh Arts, Pune, for and on behalf of Anulom Technologies Pvt. Ltd;

The editor does not necessarily agree with the opinions published in the Articles in this magazine.

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