

Market Research and Competition Analysis Report

Video Surveillance (CCTV) In India

9/6/2015

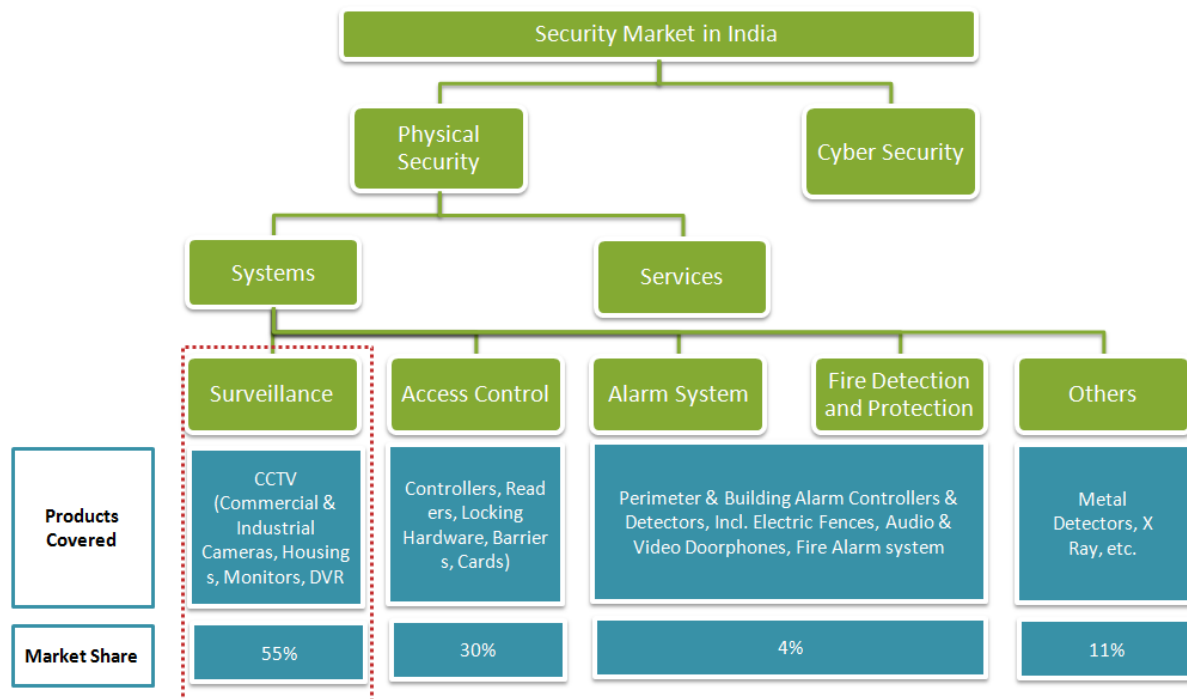
Digital Presence

Ravi Singh

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Overview of Security Market in India



Source: Presentation by Siddharth Vishwanathan of Foreign & Commonwealth Office

Overall surveillance market is part of a larger gamut and comes under physical security of the Indian security market. It is one of the most versatile segments and holds a market share of 55%, well above other segments. CCTV includes commercial and industrial cameras, housings, monitors, DVR etc.

Video surveillance market in India – Introduction

The video surveillance industry in India is made up of a complex ecosystem that includes cameras, storage, software, miscellaneous hardware, and professional services. CCTVs are video cameras that are used for video surveillance by transmitting signals from a specific place to another. The signals are not openly broadcasted; instead they are restricted to be monitored by only a set of people located in a particular place.

CCTV cameras have wide usage worldwide by government enterprises to combat and avoid domestic as well as international security threats. Usage in private sectors such as retail stores and banks is also gaining momentum because of declining prices and advanced features present in new generation CCTV cameras.

India's position in global video surveillance market

Globally, China dominates the industry with 35% of the total market share, followed by countries like USA, Canada, Brazil, Japan and UK. India ranks within the top 10 countries with about 5% of market share. As per CMR estimates, by CY 2017, IP Cameras will overtake Analog Cameras in terms of market opportunity.

According to ASSOCHAM, corporates are likely to increase their security budgets by 35-40%. The demand for security equipment has increased by 10-15% and the private security industry in India touched approximately Rs. 50,000 crore in 2012 (125% growth as opposed to the 25% that's been the norm for the past five years). The Indian surveillance market is also seeing a shift from analog to IP-based surveillance. Currently IP-based surveillance market in India is valued at about \$50-60 million and is expected to grow at 45% YoY for the next four to five years. While the global market for analog video surveillance equipment was flat in 2009, the growth rate of global IP video surveillance equipment exceeded 15%.

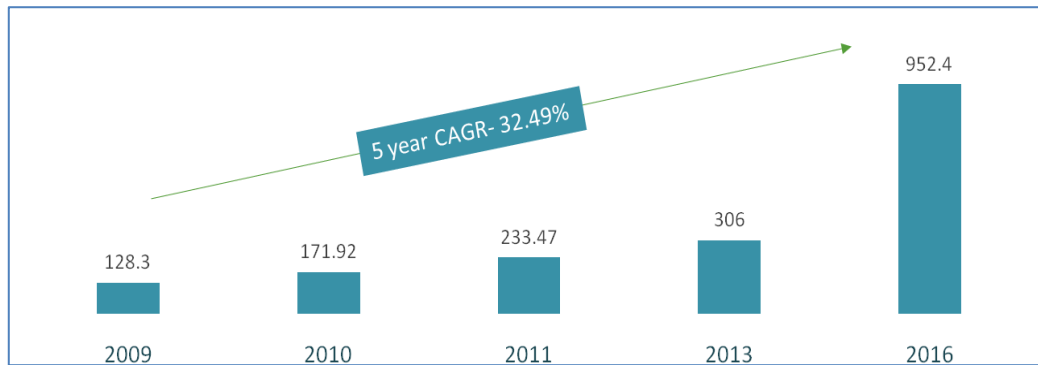
Key regional markets within India

At regional market level, Northern states of India including Delhi NCR, parts of J&K with defense bases, Haryana, Punjab, Uttaranchal, West UP and Rajasthan have the largest portion of security installations. Southern India has the second

highest security surveillance installments in India. There is also growing demand of security surveillance in west part of India especially Maharashtra and Gujarat.

While with increasing violence in north east part of India which includes Kolkata, Bihar, Manipur and Assam, there are immense growth potential for surveillance manufactures.

Market Size and future growth projections

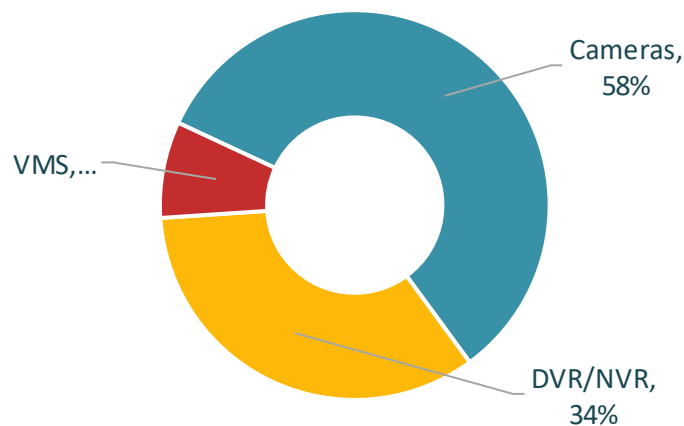


According to 6Wresearch, the India Video Surveillance market generated \$233.47 million in 2011 and is expected to reach \$952.94 million by 2016, with a CAGR of 32.49% from 2011-2016. In terms of volume, India VSC market registered 1.04 million units for CY 3Q 2014, this was 16% lower than the previous quarter (2Q). However year on year growth of approximately 55% was registered in CY 3Q2014 compared to same quarter of previous year.

Analog Cameras continue to dominate the market with a 60% contribution, while the rest came from IP camera sales. As per CMR estimates, by CY 2017, IP Cameras will overtake Analog Cameras in terms of market opportunity.

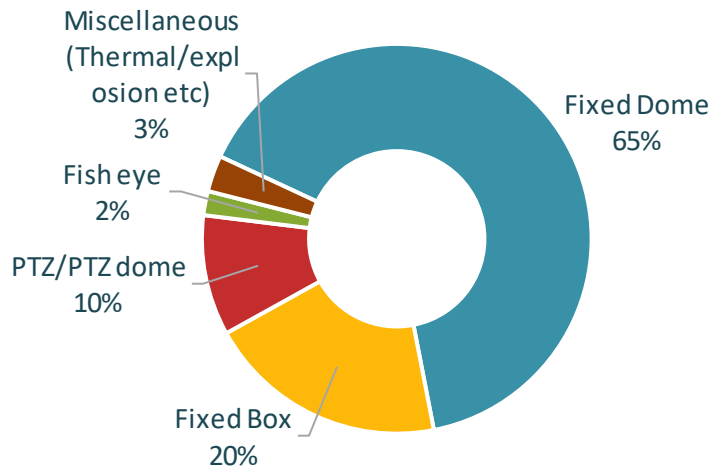
Market Segmentation

By Solution type (% share by value)



Cameras made up more than half the India Video Surveillance market opportunity at 58% in terms of value in CY 2014. They are followed by storage (DVR/NVR) at 34%, while the remaining 8% came from video management software (VMS)

IP network cameras - By technology type



Fixed-dome type IP-based cameras were the predominant form factor deployed in the India video surveillance market. The other form factors picking up in the market include Fixed-box and PTZ forms.

Fish Eye and other advanced forms, including Thermal Cameras and cameras used for detecting explosives continued to see niche usage

By End Users

The CCTV market is emerging as a huge market in the wake of growing demand from following sectors:

- Government
- Hospitality
- Services
- Banking
- Healthcare
- Retail & transportation
- Commercial
- Small & Medium Enterprises

Cities Generating Demand

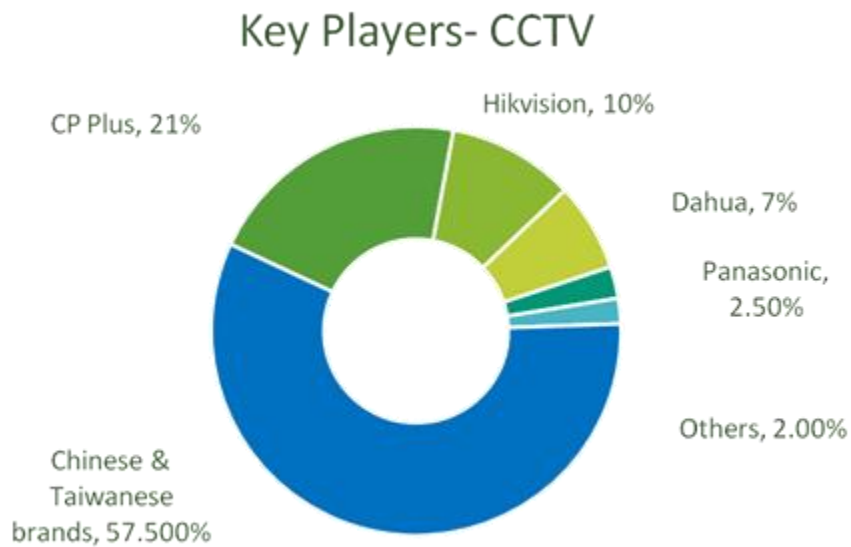
Tier I Cities:

- Bhopal
- Chandigarh
- Delhi
- Guwahati
- Gwalior
- Jaipur
- Kanpur
- Kolkata
- Mumbai
- Pune

Tier II Cities

- Bhubaneshwar
- Goa
- Nagpur
- Nashik

Key Players in CCTV Market



CCTV camera market is highly fragmented and competitive market with lots of Chinese & Taiwanese brands involved. CP Plus has the largest market share (21%) in the video surveillance market in India. Besides CP Plus, other major companies which are present in the CCTV market in India include Hikvision (10%), Dahua (7%), Panasonic (2.5%), and Bosch Security Systems, Samsung Techwin, DV Tel (all 2%).

CP Plus

Established in 2007, CP Plus has the largest market share (21%) in the video surveillance market in India. CP Plus takes its roots from CP PLUS GmbH & Co. KG., Hamburg, Germany. The company mainly manufactures security & surveillance solutions.

It has been ranked amongst the Asia's Top 10 security and surveillance brands. CP PLUS success is largely attributed to its strong R&D of technology and quality products. The company has its India headquarter in Noida.

Product portfolio: Analogue cameras, IP cameras, DVR's, VDP's and video recorders

Website: [CPPlus](http://CPPlus.com)

HIKVISION

Established in 2001, Hikvision is publicly listed on the Shenzhen Stock Exchange and operates over 30 domestic branches in China and 16 overseas regional subsidiaries. It is the second largest player in video surveillance market in India but is the one of the largest supplier of video surveillance products and solutions globally.

It also possesses the world's largest R&D team and annually reinvests 8% of its revenue into R&D for continued product innovation and improvement. The company's India headquarter is in Mumbai

Product portfolio: Network cameras PTZ, DVR's, hybrid video recorders, analogue camera etc.

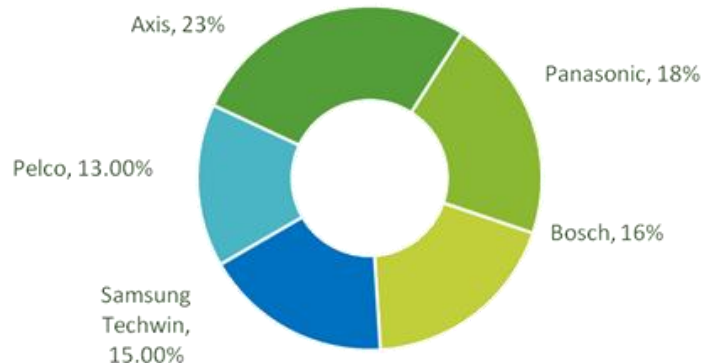
Website: [HikVision](http://HikVision.com)

Dahua Technology

Dahua is a manufacturer in the security and surveillance field. It has strong R&D department with 800 engineers. The company reinvest 10% of sales income in R&D each year. Dahua is continuously devoted to seeking market expansion and promotion, developing overseas customers, enhancing brand credit and reputation.

Key Players- IP Cameras

Key Players- IP Cameras- CY 2014



Many players are present in the IP/Network Camera market, essentially at the entry level, where several Chinese and Taiwanese players offer solutions. Axis Communication led the India IP/Network Camera market with a 23% share, followed by Panasonic and Bosch at 18% and 16%, respectively. The dominance of reputed international brands in this segment proves that customers look for quality and trust. The benefit customer gain going with such brands includes network design services, consultation and after sales service, which is not the case with sellers of entry level solutions.

Axis Communication

Axis is a Swedish manufacturer of network cameras and is one of the global market leaders in network solutions. It has employees in more than 40 countries, distributors in 70 countries and collaboration with more than 65,000 partners in 179 countries. Axis was the first company in the world to launch a network camera in 1996, initiating the shift from analog to digital technology. Axis Communication is the market leader in India IP/Network Camera market with a 23% share.

Established in 1984, Axis was floated on the Stockholm Stock Exchange in 2000 and is currently listed on NASDAQ OMX Stockholm's main market. It has an annual global sale (as of Dec 2014) of \$747m.

Axis' sales distribution by region:

- Americas: 46%
- EMEA: 40%
- Asia: 14%

Product portfolio: The majority of Axis' sales are generated by the video product area; network cameras, video encoders, accessories and application software.

Panasonic India (Primary business area: Consumer electronics)

Panasonic India partnered with Reliance Communications to launch Cloud Video Intelli-Surveillance - an end-to-end video surveillance solution with advanced analytics for the Enterprise segment. Panasonic aims to capture 20% share of the Enterprise security surveillance market in India by 2017.

Panasonic, along with Reliance Communications, is amongst the pioneers to provide 24*7 accesses to video footage on any connected device: PC, Mac, Mobile phone and Tablet, while being on the move.

Panasonic has expanded globally and now operates around 500 consolidated companies worldwide, recording net sales of 7.74 trillion yen for the year ended March 31, 2014.

Bosch Security Systems

This Bosch division hosts roughly 12,457 employees worldwide and has generated sales of 1,5 billion euros in fiscal 2014. In India, Bosch Security Systems is headquartered at Bangalore and is supported by Sales offices located in major cities across India with a view to cater to customers across regions. Product portfolio includes video surveillance, intrusion detection, fire detection and voice alarm, as well as access control and management systems.

Bosch won the EFY Readers' Choice Award 2012 under the category of CCTV Cameras, against other leading Brands in the Industry. Bosch Security Systems' new IP camera, the NBC-255-P, has won Detektor International's Innovative Achievement Award 2009

India video surveillance market - External trade

India is a major importer of VSC devices and local manufacturing and exports are almost negligible. In fact local manufacturers are urging government to take various steps to encourage local manufacturing and consequently CCTVs have been included in the Modified Special Incentive Package scheme (M-SIPS) by government to incentivize local manufacturing.

In terms of imports, key highlights for 2014 were:

- Video surveillance camera market shipments reached 1.04 million units in 2014
- As many as 140 vendors shipped VSC devices to India
- 3 vendors shipped more than 50,000 VSC devices

Trends – 2015 and beyond

1. Shift towards IP based surveillance: There will be a shift from the CCTVs to the Internet Protocol (IP) based surveillance which will require System Integrators (SIs) with skill-set ranging from core networking to software systems
2. High Definition TV: HDTV is to become the standard for surveillance cameras. Capable of providing images in high resolution, it can be utilized for identification and 720p to 1080p resolutions will be the interest along with 4K, thermal imaging and mobility solutions
3. Embedded Business Intelligence (BI) Analytics: The network cameras that are enabled with features that allow seamless integration with existing BI applications through open platform infrastructure and APIs. These smart network cameras also have the capability of running video analytics software within the cameras. These intelligent systems can also help in extracting valuable data such as people counting, queue alerts, etc. from hundreds of video streams and incorporate this data with other applications such as access control systems
4. Private Cloud: Private cloud used for infrastructure of enterprise video surveillance systems will become a trend for coming years. Benefits of private cloud include: Remote access, internet connection, shared use of data processing and storage resources

Growth drivers for surveillance market in India

1. Growing demand for public safety: Increased need for improved security systems including at public places. Experts believe that 26/11 triggered the demand for security, after which there has been a massive increase in demand. As per the study, about 10 million CCTV camera units are supplied every year in the country. The use of CCTV cameras has improved policing in the country.
2. Demand for surveillance in organized retail: Growth of organized retail has also led to increased demand for video surveillance in retail stores. In addition to surveillance retail outlets also use network surveillance for footfall measurement.
3. Corporate Demand: Demand fuelled by rapid economic growth and rising industrial activities fuelled by surveillance requirements of corporate environments.
4. Increased demand in transportation: Rising transportation infrastructure and need for surveillance has also increased the demand for CCTV cameras in the country.
5. Advancement in technology and sophisticated solutions at lower cost: Video Surveillance Camera (VSC) market, which is dominated by an analog surveillance camera, is witnessing a shift towards IP surveillance cameras on account of declining prices and demand for remote access.

6. **Government Funding:** Government has introduced Modified Special Incentive Package scheme (M-SIPS) to encourage manufacturing in video surveillance industry. The main purpose of the scheme is to provide incentives to promote electronic manufacturing in India and to build an ecosystem of supporting a globally competitive Electronic System Design & Manufacturing (ESDM) sector

Rising transportation infrastructure, increasing public surveillance, government security spending, growing IT spending across major applications, and surging crime rates have also fueled the demand for video surveillance systems in India. Video Surveillance systems in India have captured major share of the modern security systems, though, installation and maintenance cost remains a major challenge for the growth of India's Video Surveillance market. However, government and OEM's are taking various initiatives to increase the awareness regarding the irrefutable advantages as compared to the one-time cost of surveillance systems.

Growth barriers for surveillance market in India

1. **Fragmented market structure:** Indian market is sharply divided into organized and unorganized sectors and almost 50% of the market is flooded with inferior security products. Remaining 50% includes well-known international brands like Bosch, Samsung etc. with India being a price-sensitive market; it becomes difficult for players from organized sector to compete with cheap sub-standard products.
2. **Inadequate consumer awareness:** Consumers do not understand the pitfalls of poor quality products and buy products based on price than quality.
3. **Absence of regulatory framework:** Lack of industry standards and recognition and absence of regulatory framework is another major hurdle. As there are no defined guidelines, companies are free to choose their own standards. So monitoring becomes difficult.
4. **High government taxes:** Arbitrary taxes and import duties also make the industry unsustainable. High government import duties on quality components make it difficult for good quality products to be provided at competitive prices in India. Value added tax differs from state to state ranging from 12.5% - 14%.
5. **High installation and maintenance cost:** Video Surveillance systems in India have captured major share of the modern security systems, though, installation and maintenance cost remains a major challenge for the growth of India's Video Surveillance market. However, government and OEM's are taking various initiatives to increase the awareness regarding the irrefutable advantages as compared to the one-time cost of surveillance systems.
6. **Slow government clearances:** Players find it difficult to seek permission from municipal agencies and other regulatory agencies for smooth implementation of projects.
7. **Long sales cycle in government sector:** Govt. sector, one of the biggest customers, has a long sales cycle. It often takes a long time for tenders being issued and funding becoming available. Sometimes these projects never actually come to fruition as priorities change or funding is never approved.
8. **Lack of skill & retail facilities:** CCTV camera market requires right kinds of skills for installation, integration and software development. Large system integrators have relevant skills, they also outsource some portions of their jobs which they are not competent enough to execute - but this becomes a challenge for small or mid-sized organizations. Another hindrance is lack of retail facilities where consumers can experience or garner awareness about latest innovations and technologies in the field.

Govt. regulation and code of conduct

Very weak regulatory framework for video surveillance players with almost no safety and quality standards in place

1. **Absence of regulatory framework:** No defined guidelines and no standard pertaining to quality and safety of products, so companies are free to choose any standards.

2. Sector not recognized as industry: No association or body to safeguard interests of manufacturers and government initiatives are also negligible. There has been an increasing demand from local manufacturers to recognize the sector as industry so that standards can be set and policies can be framed.
3. Tax & duty structure: Arbitrary taxes and import duties also makes the industry unsustainable. High government import duties on quality components make it difficult for good quality products to be provided at competitive prices in India. Value added tax differs from state to state ranging from 12.5%-14%. Government has introduced **Modified Special Incentive Package scheme (M-SIPS)** to encourage manufacturing in video surveillance industry but more is being demanded by local manufacturers

Modified Special Incentive Package scheme (M-SIPS)

The Scheme: To promote large-scale manufacturing, to offset disability and to attract domestic and global investments into the Electronic System Design and Manufacturing (ESDM) sector in India, the Modified Special Incentive Package Scheme (M-SIPS) was notified vide Notification no. 175 dated 27th July 2012 in Part-I, Section 1 of the Gazette of India

Purpose: The main purpose of the scheme is to provide incentives to promote electronic manufacturing in India and to build an ecosystem of supporting a globally competitive Electronic System Design & Manufacturing (ESDM) sector. Electronic security devices including CCTV/surveillance equipment is part of the list of the electronic items to be covered under the scheme.

Incentives:

1. The scheme is available for both new projects and expansion projects. The scheme provides subsidy for investments in capital expenditure - 20% for investments in SEZs and 25% in non-SEZs. It also provides for reimbursement of CVD/Excise for capital equipment for the non-SEZ units. For high technology and high capital investment units, like fabs, reimbursement of central taxes and duties is also provided
2. The incentives are available for investments made in a project within a period of 10 years from the date of approval
3. The incentives are available for units all across the value chain starting from raw materials including assembly, testing, packaging and accessories and covering 29 verticals of ESDM products

SWOT Analysis

Strength

1. Rapid economic growth and increased demand from various sectors including retail, transportation and corporate
2. Rising security concerns in the country & growing demand for public safety

Weaknesses

1. Fragmented market
2. Inadequate consumer awareness
3. High installation and maintenance cost
4. Lack of skill & retail facilities

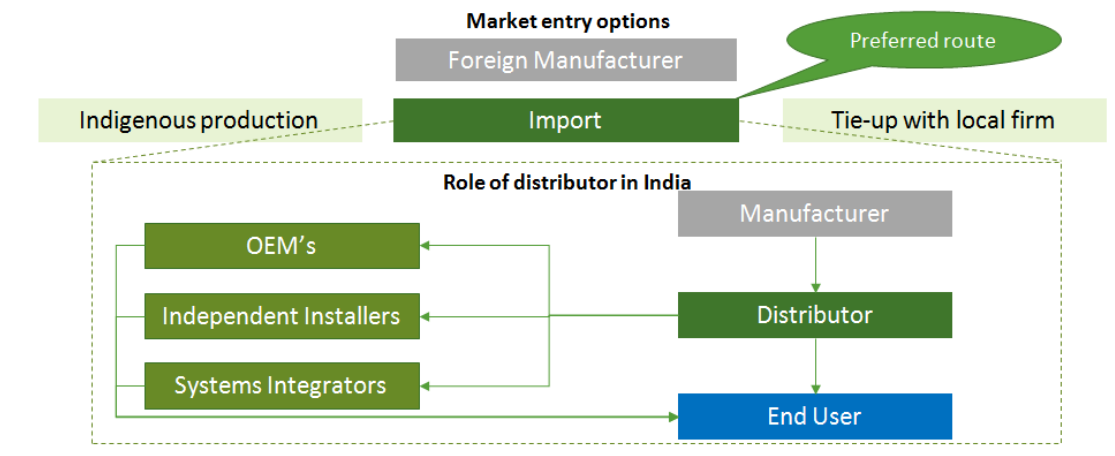
Opportunities

1. Increased demand for high cost IP based surveillance equipment
2. Rising income levels and brand conscious consumer prefers quality products even if they have to pay a premium for them

Threats

1. Long sales cycle in government sector and slow government clearances
2. High government taxes
3. Absence of regulatory framework

Distribution model – Indian security industry



Although, distributors are preferred route, many **companies** have **set up local offices** for **direct sales** and import equipment. **Tie-ups** with local firms is common for **technology, support or sourcing**

Viability of distributor model

1. Apt since minimum investment is required
2. Agents have strong knowledge of local business environment
3. Typically handle import, sales, installation and are well connected with personnel in govt. agencies
4. Also supplies to OEM's, independent installers and system integrators

India Video Surveillance Market Future Outlook and Projections

The Indian market for surveillance and CCTV is fast changing with new technologies being introduced coupled with the technological advancement being more towards software based solutions than hardware based

Future Outlook of CCTV Cameras:

- The market for video surveillance in India is projected to reach \$2.4 billion by 2020, according to a report by 6Wresearch
- Increasing terrorist activities, growing crime rates, data thefts, remote monitoring, growth of public infrastructure, increasing IT spending, government initiatives and increasing security spending are boosting the market for video surveillance systems in Indian market
- The Indian market for video surveillance equipment is forecast to grow at an increasing rate over the next five years. The market is also forecast to continue offering vendors of video surveillance equipment new growth opportunities over the next five years through 2014 to 2018
- India's electronic security market has seen a growth of 15 -20% annually in recent years. CCTV will lead the overall market in the Indian electronics security market in future

Untapped Market:

- While there is huge growth in the security space in India, the market for electronic security equipment is still largely untapped and under served as there is need for greater awareness about the installation of electronic security equipment and associated benefits.

- While this may make the task of the market players slightly difficult, they stand to benefit from the expanding of this particular market into new user segments
- Over the next six years (2014 to 2020), the market for IP surveillance is expected to increase due to increasing IP infrastructure, declining prices and demand for remote access.

New Government Initiatives and Growing Economy: Not only is the new Indian government expected to push through spending on public projects which have previously struggled to gain final approval, but a general improvement in the Indian economy will mean increased demand from private companies too.

High-success rate of CCTV surveillance devices worldwide: Security conscious organizations (both government and non-government) in India are implementing CCTV surveillance, reflecting an annual expected growth rate of more than 20%.

Declining prices and advanced features: Declining prices and advanced features are also adding growth to CCTV market making it affordable for even smaller firms to embrace this technology.

Price sensitivity: Despite this, doing business in India is not without its challenges. The market is very price sensitive and a highly fragmented supply base means that customers are able to choose from a wide selection of alternative products.

Recommendations

1. Local Partnership: It can be beneficial to partner with experienced local players to gain easy access to the market
2. Technical support & service: Have good local technical support and after sales service set-up with warranty repairs
3. Differentiated market positioning: The industry is a highly fragmented and competitive market with lots of brands involved. Coming up with a unique selling point though challenging, is a winning strategy
4. Strong brand connect: Indian consumers are becoming more brand conscious and do not mind spending extra for a good quality and service. Connecting with consumers and building a strong brand presence in the minds of consumers is a good way to differentiate than lot of other cheaper brands in the market
5. Use of social media: India has high number of internet users & are avid social media users. Use of social media can therefore be considered as a brand building platform. Social media can be used not only as an effective marketing and branding channel, but also a channel to educate consumers about benefits of high quality security products

Appendix

Distributors of electronic security products in India

Company Name	Primary Business Area	Primary Coverage
3x Logic	CCTV	Global
AaryaltesPvt. Ltd.	CCTV	India
ABUS Security-Center Corp.	CCTV	Global
ADA Systems	CCTV	India
Adaar Technology	Integrated security	India
ADISYS Technologies Pvt. Ltd.	CCTV	India
Adit Enterprises	CCTV	India
ADIT Security System Pvt. Ltd.	CCTV	India
Aditgroup	Access control	India
Aditya Infotech Ltd.	CCTV	India
Ahuva Electronic Technologies Pvt.Ltd.	CCTV	Asia
Altron Security Engineering Pvt. Ltd.	CCTV	India
Angel Security Systems	CCTV	India
Arise Security Systems	CCTV	India
Avancar Security & Access Services Pvt Ltd	CCTV	India
Aventura Technologies, Inc.	CCTV	Global
AviElectroics& Networks Pvt Ltd	Integrated security	India
AXTON	CCTV	Global
Benchmark Security Solutions	Access control	Asia
Bion Safety Controls Pvt.Ltd.	Fire safety	India
Boon Tech Pvt Ltd	Access control	India
C4Line Corporation. (C4Line Co.)	IP networking products	Global
CCTV India	CCTV	India
CCTVHotDeals.com	CCTV	Global
China ineSun Wholesale Digital Electronics Co.	CCTV	Global
Cradle India Private Limited	Digital video recording	India
Cradle Technologies India Pvt Ltd	CCTV	India
Crompton Greaves Ltd.	Integrated security	Asia
Dadhwal plastics	CCTV	Asia
DC Infosystems Pvt Ltd	CCTV	India
DhonaadhiHitec Innovations	CCTV	India
Digitals India Security Products Pvt Ltd	CCTV	India
Dragonfly Security Solutions	CCTV	India
Eco Hindustan	CCTV	India
Electronic Eye Systems	CCTV	India
ElianceOptinetPvt.Ltd.	CCTV	India
Enkay Technologies PVT LTD	Access control	India
ESMS (INDIA) PVT.LTD.	CCTV	India
ETCO DIGITAL PVT LTD	CCTV	India

FujiSoft Technology	CCTV	India
Future Eye Global Technologies	CCTV	India
Global Keyaccess Technologies Limited	Security entrances	Global
HELIBENZ TECHNOLOGIES PVT. LTD.	CCTV	India
Honeywell	Integrated security	Global
Honeywell International	Integrated security	Global
ICard Solutions (India) Pvt. Ltd.	Access control	India
Ichnolite Technologies	CCTV	India
IMBCON	CCTV	India
Infinova India Pvt. Ltd.	CCTV	India
Ingram Micro India Limited	CCTV	India
Integrated Analytics Private Limited (IAPL)	IP networking products	India
KANAL SOLUTIONS LIMITED	Integrated security	India
Leachi Enterprises	Central monitoring systems	India
Microvillage Communications P Ltd	CCTV	India
Mirox Cyber Security & Technology Pvt Ltd	Integrated security	Asia
Number Seven Electronic Systems	Access control	Global
Nuvico	CCTV	Global
Open Options, Inc.	Access control	Global
Ozone CCTV Systems	CCTV	India
Patronics Systems	CCTV	India
Plus 91 Security Solutions	CCTV	India
Prama Technologies	Digital video recording	India
QE&More Identification and Security Co., Ltd	Biometrics	Global
Rajvi Electronics	CCTV	India
RaviRaj Technologies	Biometrics	India
RayLED	CCTV	Global
Ridhi Infosys	CCTV	India
Rotatest Ltd	CCTV	Global
Rytech India Pvt. Ltd.	CCTV	Asia
SAFE Private Limited	CCTV	India
Safety Vision, L.P.	Digital video recording	Global
Secom Security Systems	CCTV	India
Secret Mantra	Biometrics	India
SecurAX Tech Solutions	Access control	India
SecureLink, LTD	IP networking products	Global
SecurX Systems P Ltd	CCTV	India
Secview Technology Co., Ltd	CCTV	Global
Shelian Systems	CCTV	India
Shenzhen Safer Science and Technology Co., Ltd.	CCTV	Asia
Shenzhen Shengtai Technology Co Ltd	Access control	Global
Shenzhen Sino Universal Video Tech Co. Ltd	CCTV	Global
ShenZhenSunShine ANT Technology Co.,	CCTV	Global

Ltd.		
Shenzhen Wave-particle Intelligent Technology Co., Ltd.	CCTV	Global
Tekno Electro Solutions Pvt. Ltd.	CCTV	India
Torque Solutions	CCTV	India
Total Surveillance solutions Pvt. Ltd.	CCTV	India
TranslineIndia Business Solution Pvt. Ltd.	Integrated security	India
Tridev Global Connect	CCTV	India
Ultraneo Development Co.,Ltd	CCTV	China
Unified Corporation	CCTV	India
UTC Fire & Security	Integrated security	Global
V Secure U	Integrated security	India
Vidamax International, Inc.	CCTV	Global
VIDEOR	CCTV	Global
Vidur Security Systems	CCTV	India
Vitran Electronic Solutions Pvt. Ltd.	CCTV	India
Witura Co.	Integrated security	Global
Ziffsec Technologies Pvt. Ltd.	CCTV	Asia

Security Expos

List of 13 exhibitions in India that specifically cater to the surveillance and security industry

1. Secutech India: Digital surveillance, biometrics, CCTV and RFID
2. IFSEC India: RFID, Video Surveillance, Surveillance Drones, IP Surveillance, Digital Surveillance and Monitoring
3. India International Security Expo: Access control systems, surveillance devices, RFID, traffic surveillance and GPS Tracking
4. Secure Cities Expo: CCTV, Biometrics, Covert Tracking and Surveillance Software, Communication Interception, Location and Tracking systems, and IT Security
5. Secure Cities Expo: CCTV, Biometrics, Covert Tracking and Surveillance Software, Communication Interception, Location and Tracking systems, and IT Security
6. Defexpo India: Entire spectrum of surveillance and homeland security devices
7. Convergence India Expo: Biometrics, Content Filtering, Data Mining, Digital Forensics, IP-Surveillance, Embedded Software, Network Surveillance and Satellite Monitoring
8. International Police Expo: RFID and surveillance for Internal Security and Policing, CCTV and Monitoring, Vehicle Identification Systems, GPS, Surveillance for communications and IT, Biometrics and Network surveillance
9. Electronics For You Expo: Identification & tracking Products and Digital Security Systems
10. Indesec Expo
11. Next Generation Cyber Threats Expo
12. SmartCards/ RFID/ e-Security/ Biometrics expo: Identification solutions
13. Com-IT Expo: CCTV's, Surveillance Devices and IP Cameras
14. GeoIntelligence India

Sources

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6. [ind-safety](#)
7. [Gov.in](#)
8. [Communicationstoday](#)
9. [ifsecglobal](#)
10. [Prnewswire](#)
11. [Report Buyer](#)
12. [Sourcesecurity.com](#)
13. [cis-india](#)
14. IDC
15. Outsell