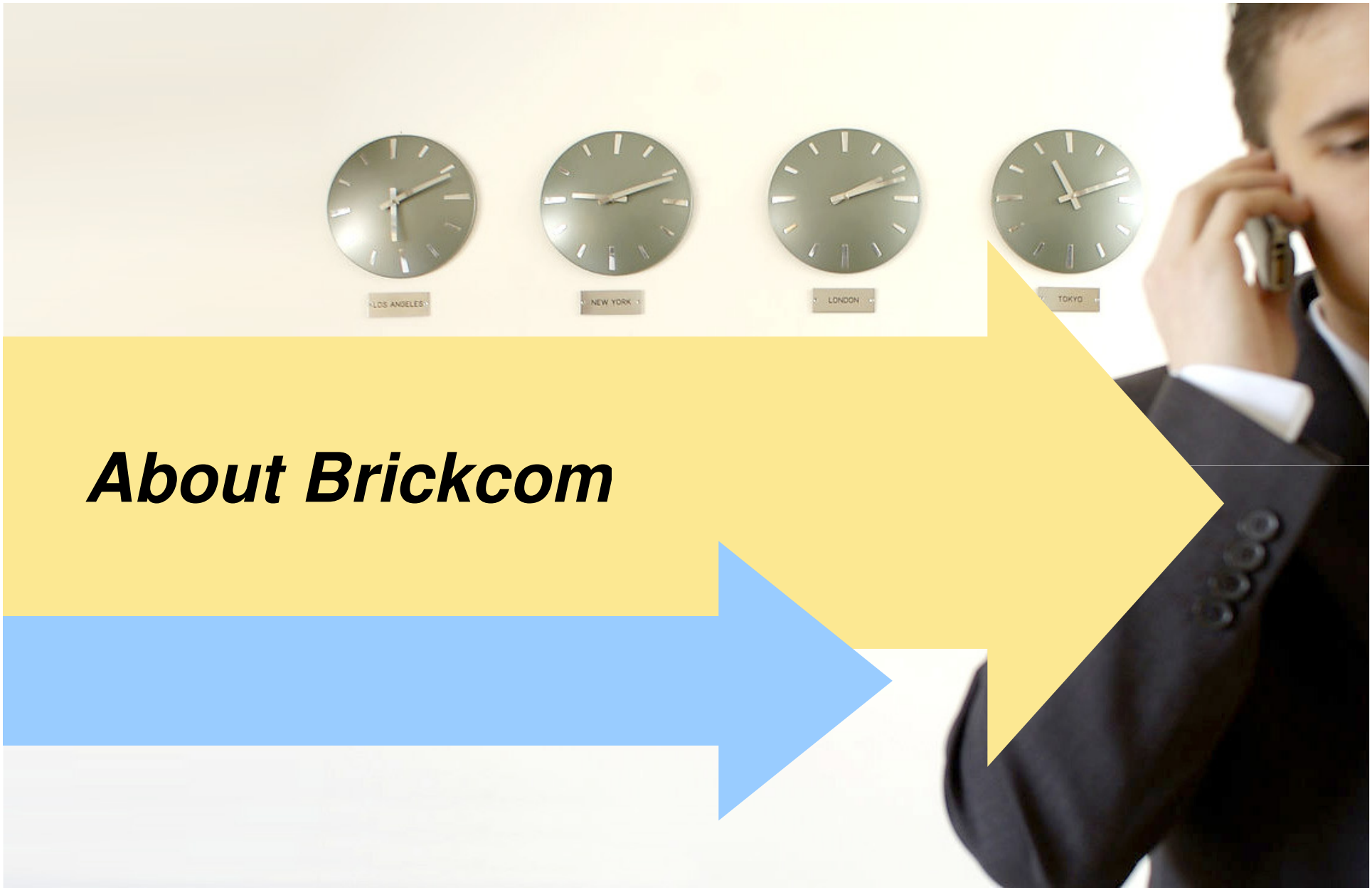
Brickcom

Brickcom Introduction

Max

2011 Aug



About Brickcom

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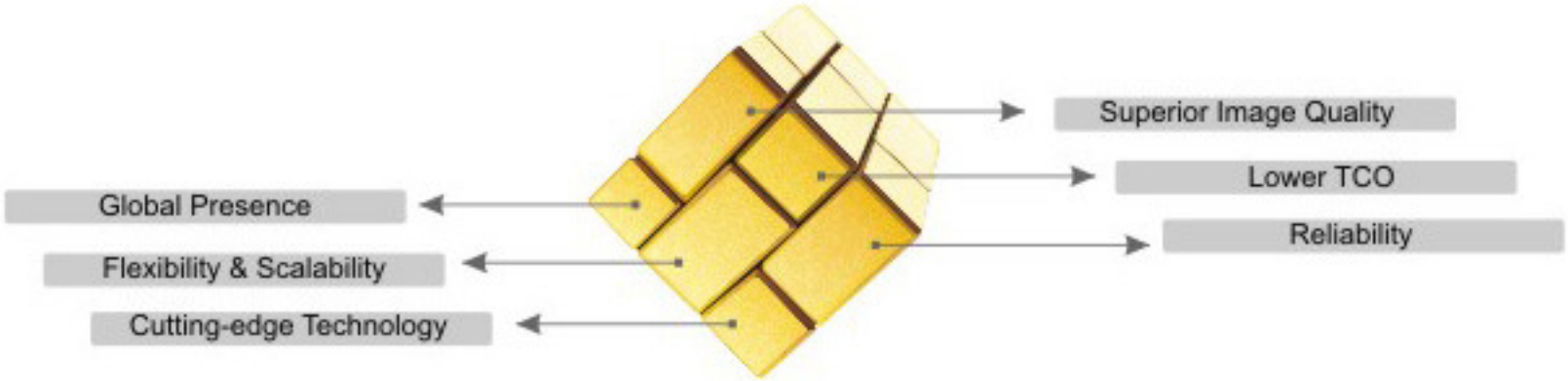
About Brickcom

Brickcom, is a professional network video manufacturer in the IP surveillance industry. It has a solid foundation for engineering quality network video equipment.

- **Founded**: 2008 Sep.
- **Headquarter**: Hsinchu, Industrial Park, Taiwan
- **Employee**: over 100 people
  (70% engineers & tech support, 20% sales & marketing)
- **Main products**: IP cameras, video server, NVR, network accessory



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Brickcom

About Brickcom
Complete Product Range

www.brickcom.com

Megapixel IP Camera

Cube Network Camera

Mini Box Network Camera

Bullet Network Camera

Fixed Box Network Camera

PTZ Network Camera

Mini Dome Network Camera

Fixed Dome Network Camera

Vandal Dome Network Camera

Speed Dome Network Camera

Server / NVR / CMS

Video Server

NVR

PC-Based NVR

Accessory

Lens

Bracket

Cover

Outdoor Enclosure

Network Accessory

Home Plug Bridge

High Power POE injector

MoCA Bridge

HPNA Bridge

Switch / Switch PoE

Wireless AP / Router

3G Router

WiMAX CPE / BS

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Brickcom

About Brickcom
Parent Company- Gemtek

Gemtek, is a *World Class Networking and Communication manufacture* for wireless networking products (WiMAX and Wi-Fi Module for NoteBook, IP-STB,IAD,ADSL,VDSL, NAS, and so on)

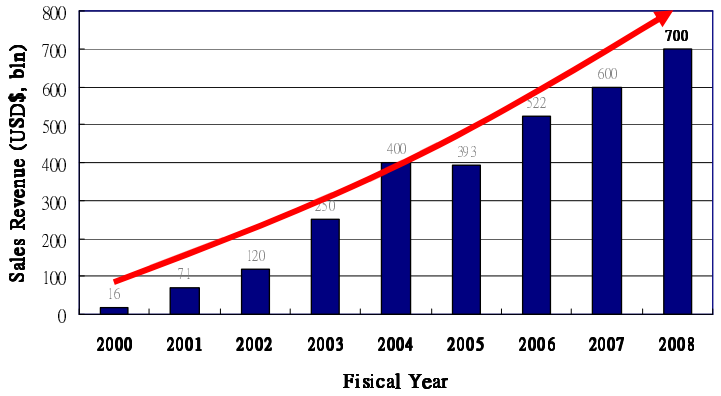
◆ **Founded**: 1991

◆ **Headquarter**: Hsinchu, Industrial Park, Taiwan.

◆ **Employees**: Over 4500 worldwide

2010 : US $730M
2009 : US $590M
2008 : US $720M
2007 : US $560M

2002: Listed on the Taiwan Stock Market



Hsinchu HQ & R&D Center

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About Brickcom
Parent Company Factory Locations

Hsinchu2

Kunshan

Hsinchu

Suzhou

Passed *HP, Dell, Intel, Motorola, Cisco factory audit.*

Brickcom IP Cameras are manufactured in Gemtek Taiwan.

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Brickcom

Expert in IP surveillance

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Expert in IP Surveillance
Compare between IP CAM & analog CCTV

	IP CAM	Analog CCTV
Sensor Scan Mode	Progressive scan: eliminate the jagged edge of moving objects	Interlaced scan: jagged edge of moving objects
Resolution	Megapixel resolution, more detail and wider coverage	D1 resolution, small coverage and less detail
Monitoring/ playback	Remote monitoring, playback via network (remote PC, mobile)/ easy to back up	Local monitoring, playback
Safety	Recording video can be encrypted by camera	Recording video can not be encrypted by camera
Intelligent video analysis	Built in in camera, less bandwidth limitation issue and server loading issue	No IVA in camera, server loading heavy
Scalability	High. Easy to add new cameras. Just connect them to a router.	Low. Need to install coaxial cable.
Total owner of cost	Leverage existing IP network infrastructure	High installation cost for coaxial cable

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Expert in IP Surveillance
Advantage of IP surveillance system

- Superior image quality
- Intelligent video analysis
- High scalability and flexibility
- Stronger video encrypt possibility
- Remote monitoring/ playback
- Remote storage
- Easier infrastructure installation & maintenance (wired & wireless)
- Cost Efficiency

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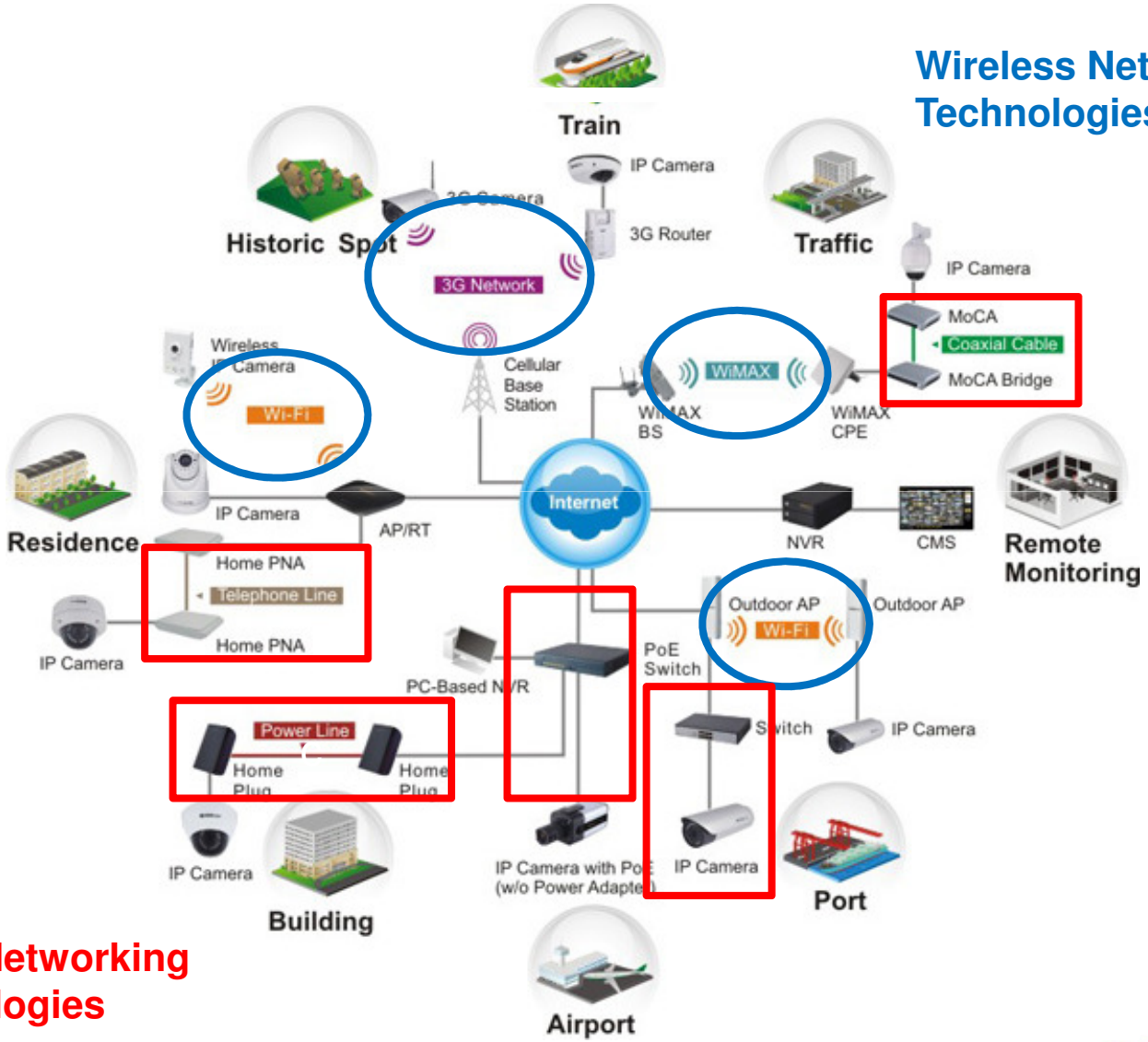
Expert in IP Surveillance
BrickOne Solution®

www.brickcom.com



Wireless Networking Technologies

Wired Networking Technologies

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Brickcom

Expert in IP surveillance
Advanced Wireless Solutions

www.brickcom.com

Brickcom

Wireless Solutions

Wi-Fi N

WiMAX

3G

Wi-Fi

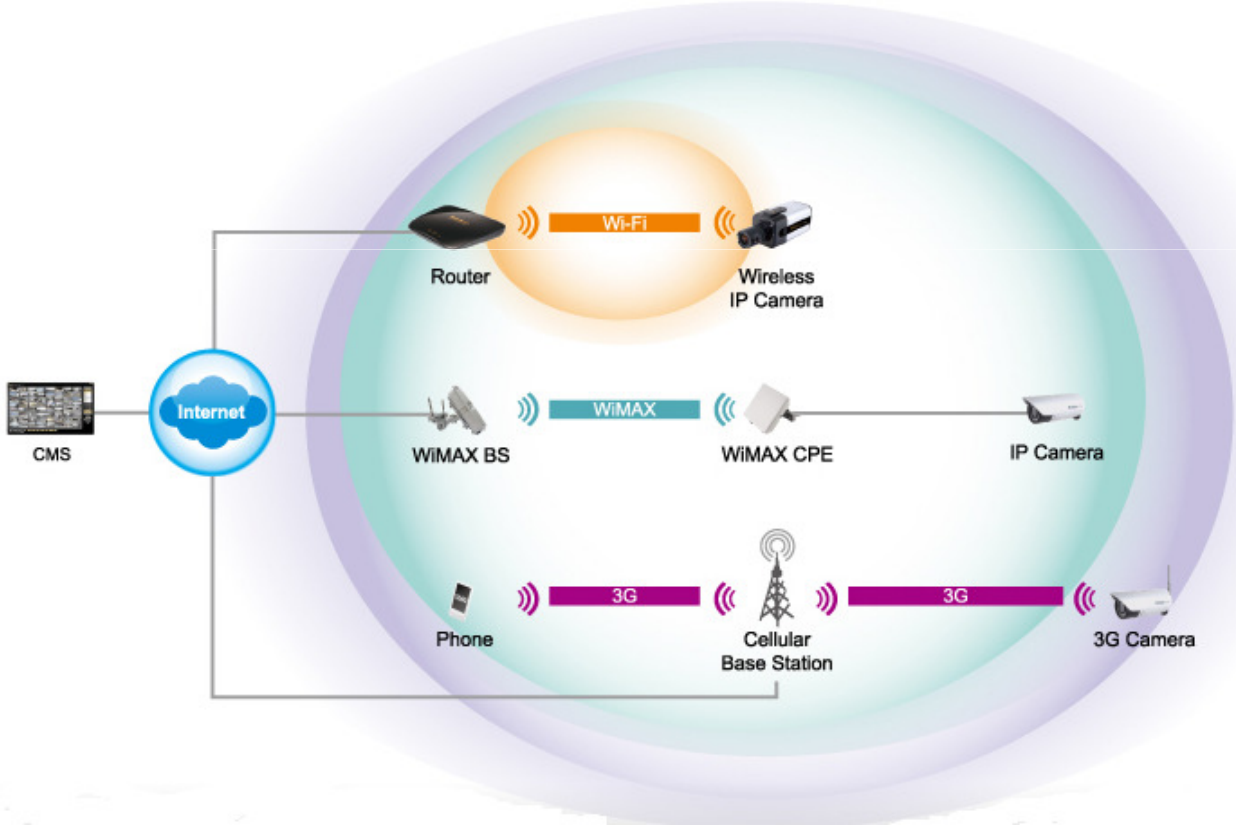
> Range : 1200 feet
> Effective Throughput: 75Mbps

WiMAX

> Range : Anywhere
(Line-of-sight Distance : 5 miles)
> Effective Throughput: 40Mbps

3G

> Range: Anywhere
> Effective Throughput: 700Kbps



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Brickcom

Expert in IP Surveillance
High Quality & Resolution

www.brickcom.com

Video Link: http://www.youtube.com/user/BrickcomCorp#p/u/24/3zlynlyOdFs

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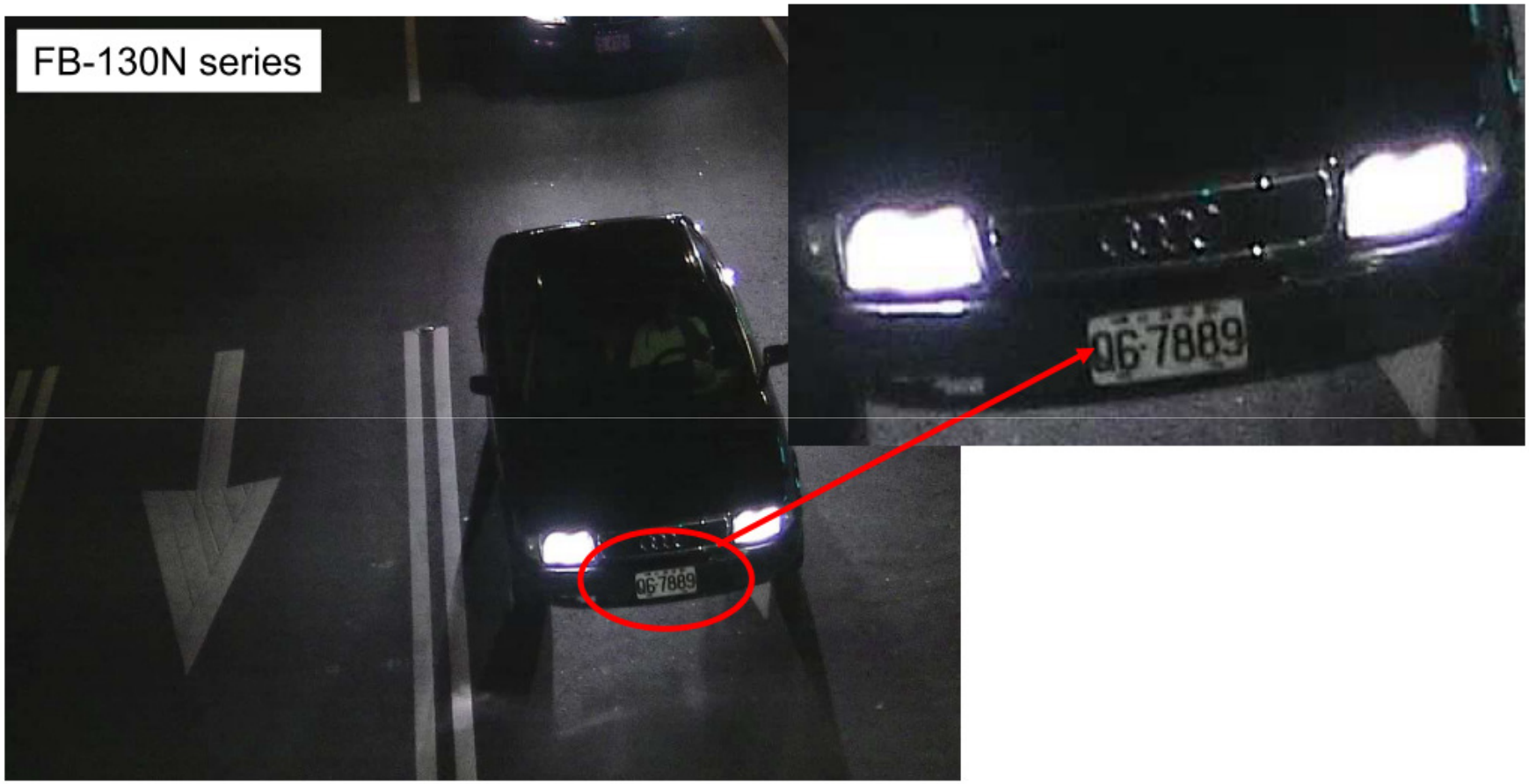
Brickcom

Expert in IP Surveillance
Superior Night View

www.brickcom.com



Video Link: http://www.youtube.com/user/BrickcomCorp#p/a/u/1/vSvy0FFDN6Q

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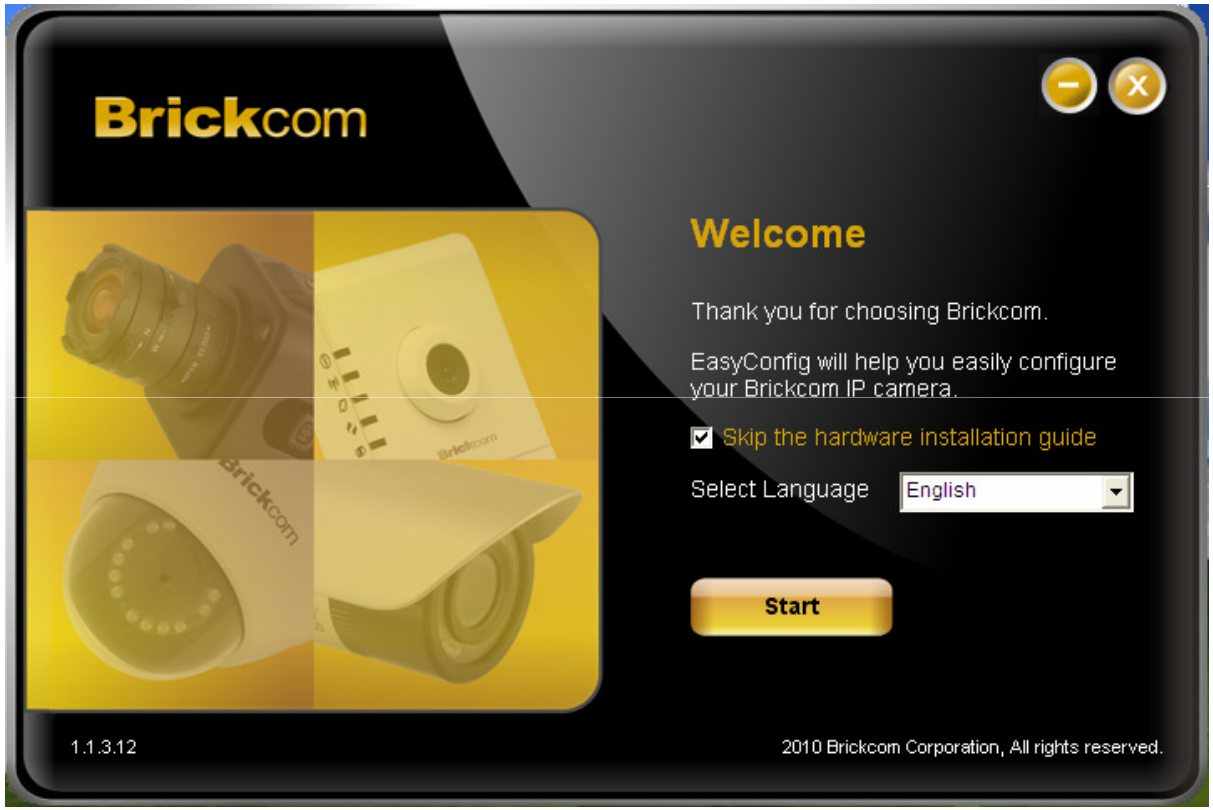
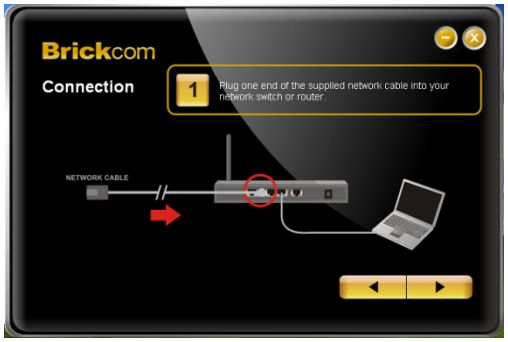
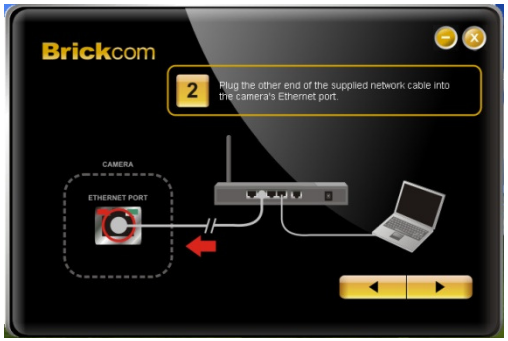
Brickcom

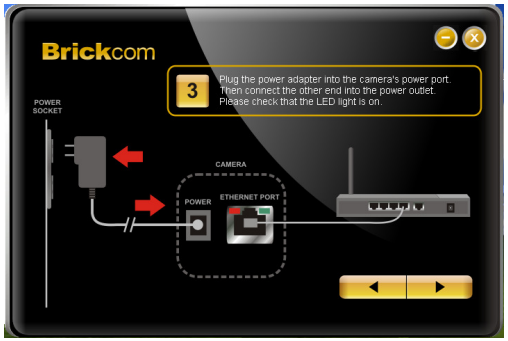
Expert in IP Surveillance
Quick Installation- EasyConfig

www.brickcom.com









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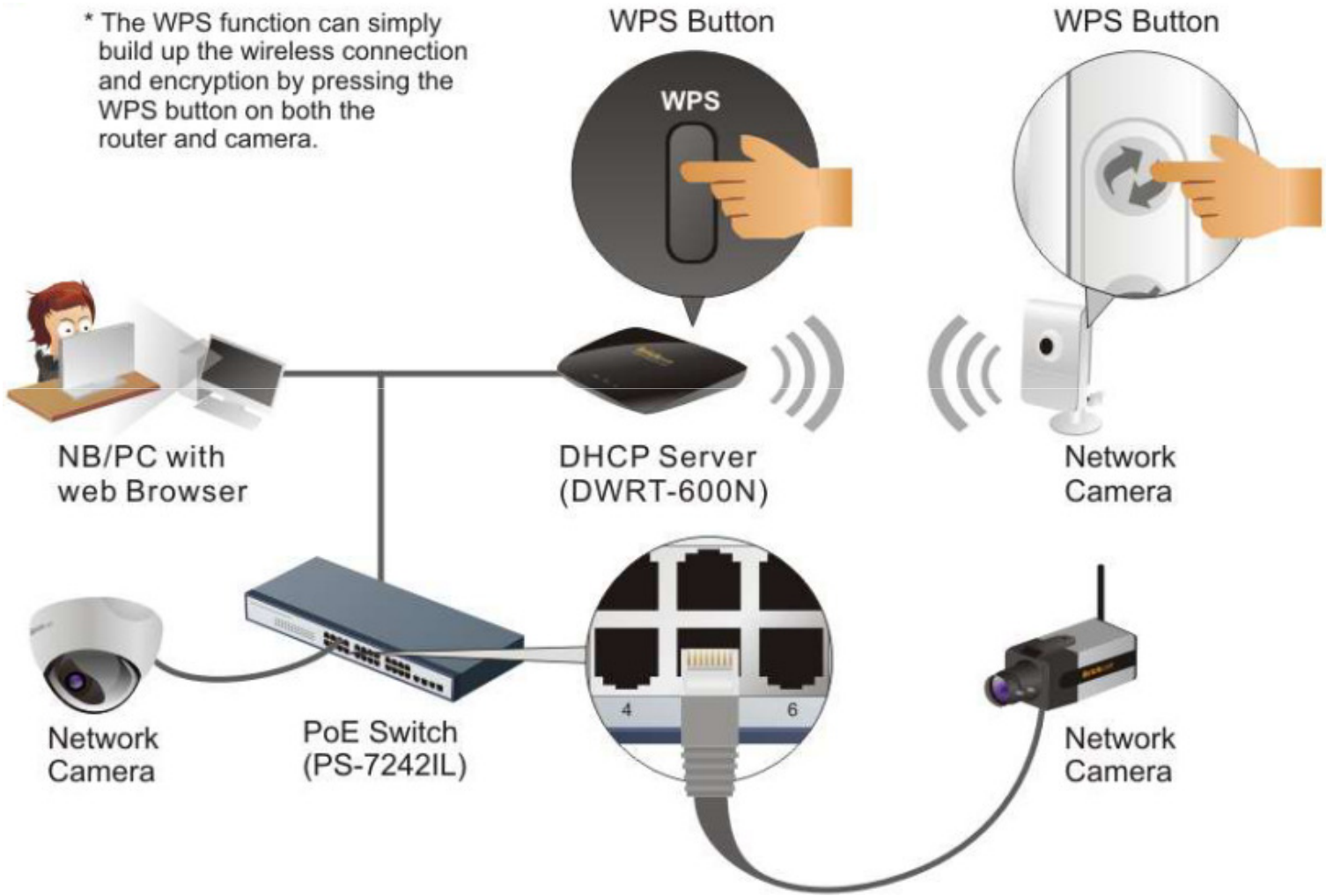
Expert in IP Surveillance
Quick Installation- WPS

www.brickcom.com



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Expert in IP Surveillance
Quick Installation- EasyLink

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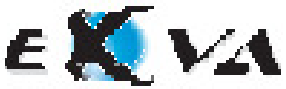
Complete Backend Platform Integration
2010 ISV partner

www.brickcom.com

ISV Partner



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Complete Backend Platform Integration
Member of ONVIF & PSIA

www.brickcom.com

ONVIF
Driving network video through global standardization

PSIA
PHYSICAL SECURITY INTEROPERABILITY ALLIANCE

ONVIF Compatible List

milestone

GENETEC

RealShot

exacq
Technologies

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Brickcom Solutions

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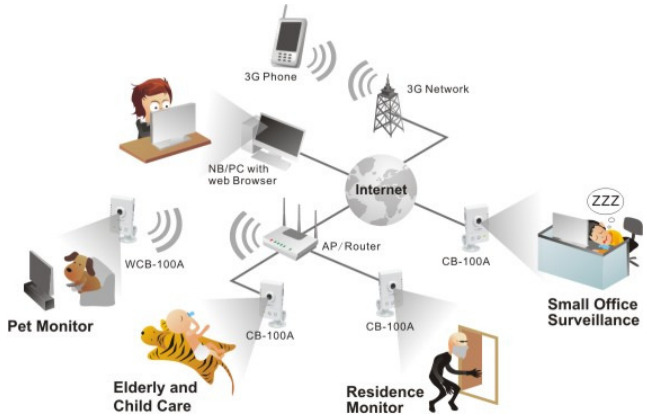
Brickcom Solutions
Cube series cameras

www.brickcom.com

CB-100Ae (VGA)	VGA
WCB-100Ae (VGA)	VGA/ WiFi
CB-100Ae	1 Mpx
WCB-100Ae	1 Mpx/ WiFi
CB-101Ae	1 Mpx/ PoE
CB-102Ae	1 Mpx/ PoE/ CS-Mount
CB-100Ap	1 Mpx/ 2-way audio/ PIR/ Micro SD
WCB-100Ap	1 Mpx/ WiFi/ 2-way audio/ PIR/ MicroSD
CB-101Ap	1 Mpx/ PoE/ 2-way audio/ PIR/ MicroSD
CB-101Ap v2.1	1 Mpx/ PoE/ 3G/ 2-way audio/ PIR/ MicroSD
CB-102Ap	1 Mpx/ PoE/ CS-Mount/ 2-way/ PIR/ MicroSD
CB-102Ap v2.1	1 Mpx/PoE/CS-Mount/3G/2-way/PIR/MicroSD



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Brickcom

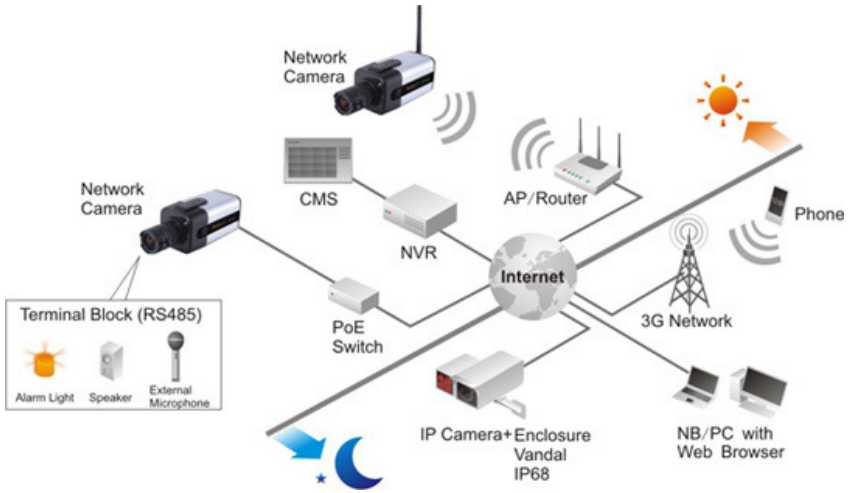
Brickcom Solutions
Fixed Box series cameras

www.brickcom.com

FB-100A Series

> MPEG-4, MJPEG and H.264 Triple Codec Compression
> Simultaneous Dual stream for Optimized Quality and Bandwidth
> 1 DI/DO for External Alarm and Sensor Device
> Built-in SD/SDHC Memory Card Slot for Local Storage
> Built-in 802.3af Compliant POE (Power Over Ethernet)
> Removable IR-Cut Filter for Day and Night Function
> Supports WiMAX, Digital Frame,Power Line Application
> 802.11 b/g/n Compliance Wireless Connectivity (WFB-100A)
> WPS Function Support for Easy Wireless Network Setup (WFB-100A)
> Supports IVA (Intelligence Video Analysis) Function (FB-100Aa /WFB-100Aa)

FB-100Ae	1 Mpx
WFB-100Ae	1 Mpx/ WiFi
FB-100Ap	1 Mpx/ SD slot
WFB-100Ap	1 Mpx/ WiFi/ SD slot
FB-130Np	1.3 Mpx/ superior night vision/ SD slot
WFB-130Np	1.3 Mpx/ superior night vision/ WiFi/ SD slot
FB-300Ap	3 Mpx/ SD slot
WFB-300Ap	3 Mpx/ WiFi/ SD slot



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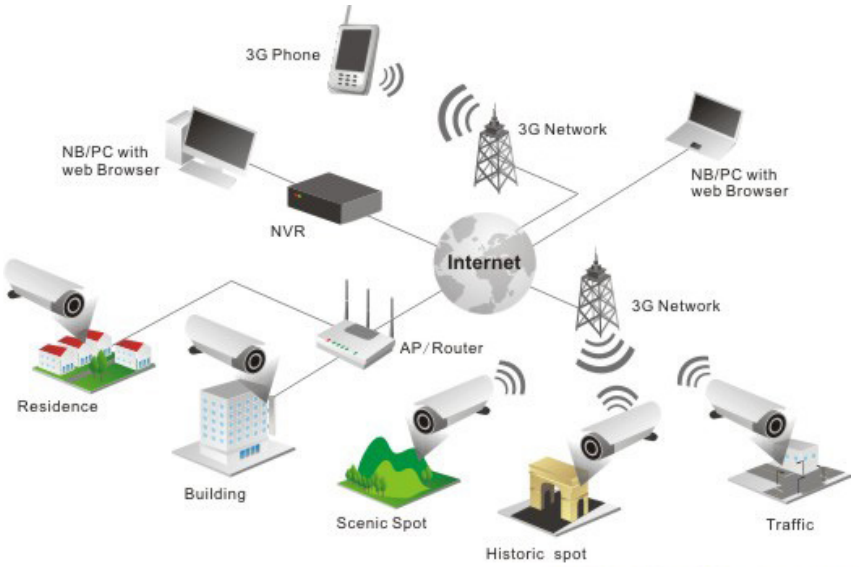
Brickcom Solutions
Outdoor Bullet series cameras

www.brickcom.com

OB-100Ae	1 Mpx
WOB-100Ae	1 Mpx/ WiFi
OB-100Ap	1 Mpx/ Micro SD/ -40~60˚C
WOB-100Ap	1 Mpx/ WiFi/ Micro SD/ -40~60˚C
GOB-100Ap	1 Mpx/ 3G/ Micro SD/ -40~60˚C
OB-130Np	1.3 Mpx/ superior night vision/ Micro SD/ -40~60˚C
WOB-130Np	1.3 Mpx/ superior night vision/ WiFi/ Micro SD/ -40~60˚C
GOB-130Np	1.3 Mpx/ superior night vision/ 3G Micro SD/ -40~60˚C



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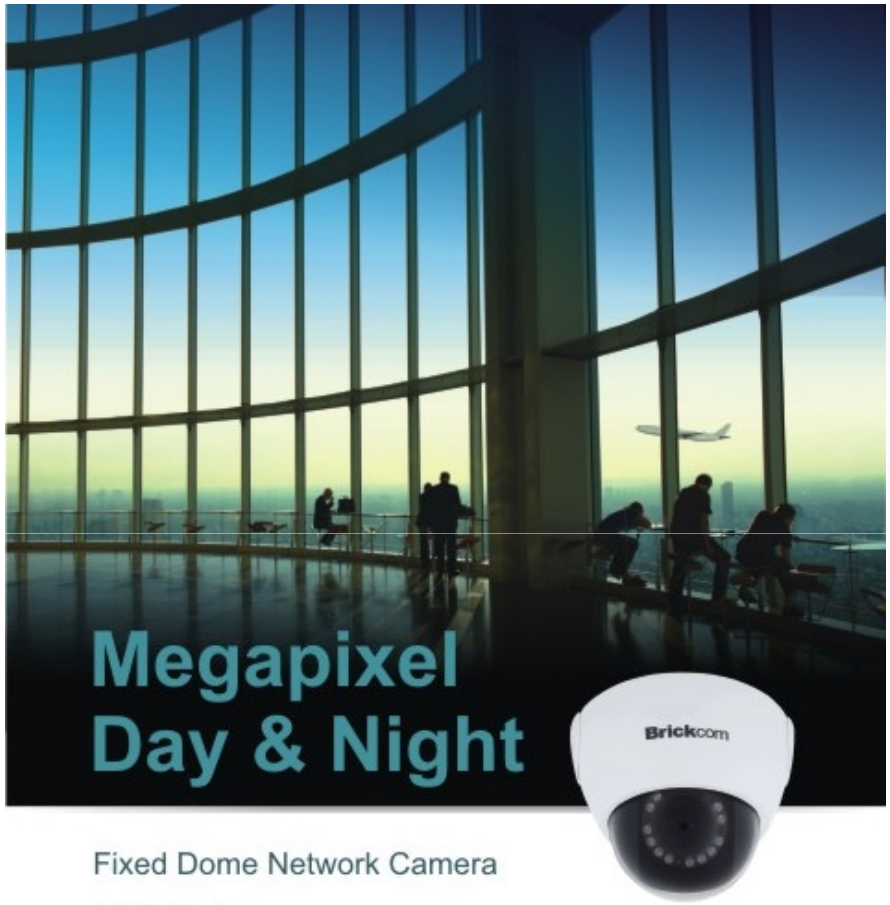
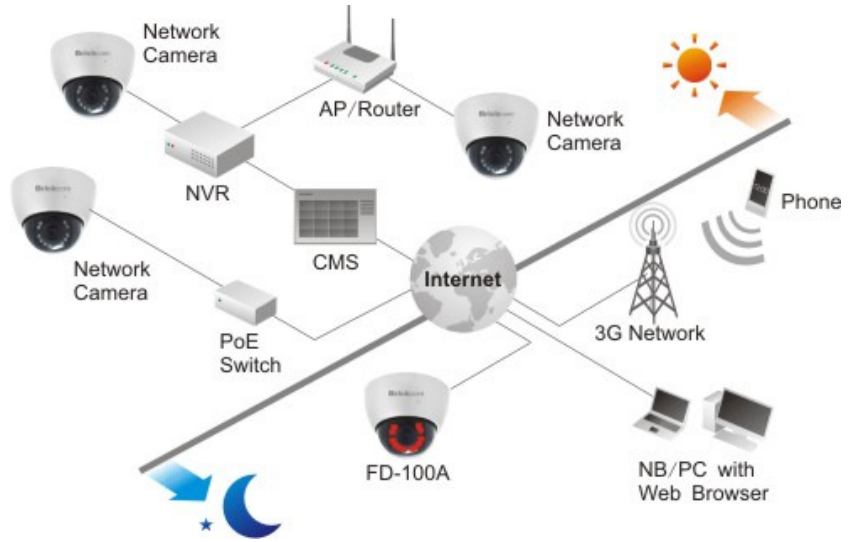
Brickcom Solutions
Fixed Dome series cameras

www.brickcom.com



FD-100Ap	1 Mpx/ 2- way audio/ DC-iris/ IR LED
FD-130Ap	1.3 Mpx/ 2way audio/ DC-iris/ IR LED
FD-300Ap	3 Mpx/ 2-way audio/ DC-iris/ IR LED



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Brickcom

Brickcom Solutions
Vandal Dome series cameras

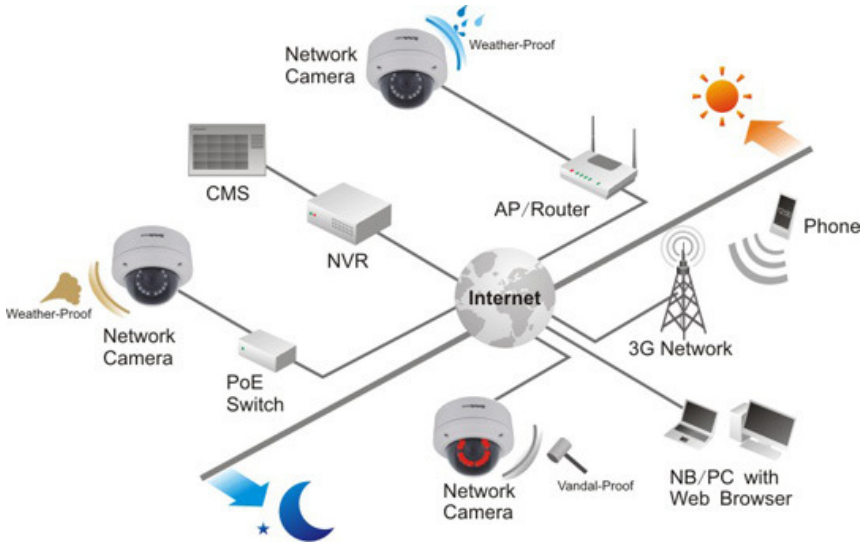
www.brickcom.com

Megapixel Day & Night
Vandal Dome Network Camera

OSD-040 36x Series

> Wide View Coverage
> Built-in IR Illuminator LEDs/ Removable IR-cut Filter / Auto Light Sensor for Day and Night
> Supports MPEG-4 / MJPEG / H.264 Codec Compression
> High Power POE
> 1 DI/DO for External Alarm and Sensor Device
> EasyConfig for easy set up and GUI Integration
> Supports 3G portable devices
> Vandal-Proof and Weather-Proof (IP66)
> Built-in Fan and Heater

VD-100Ap	1 Mpx/ 2- way audio/ DC-iris/ IR LED/ vandal proof
VD-130Ap	1.3 Mpx/ 2way audio/ DC-iris/ IR LED/ vandal proof
VD-300Ap	3 Mpx/ 2-way audio/ DC-iris/ IR LED/ vandal proof



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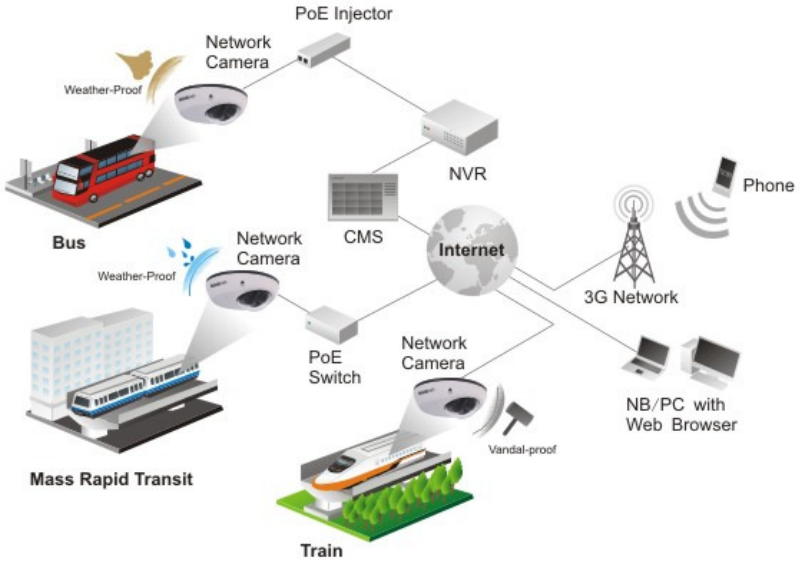
Brickcom

Brickcom Solutions
Mini Dome series cameras

www.brickcom.com

MD-100Ae	1 Mpx/
MD-100Ap	1 Mpx/ built-in Mic/ Micro SD
MD-100Ap v2.1	1 Mpx/ built-in Mic/ Micro SD/ 3G



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Brickcom

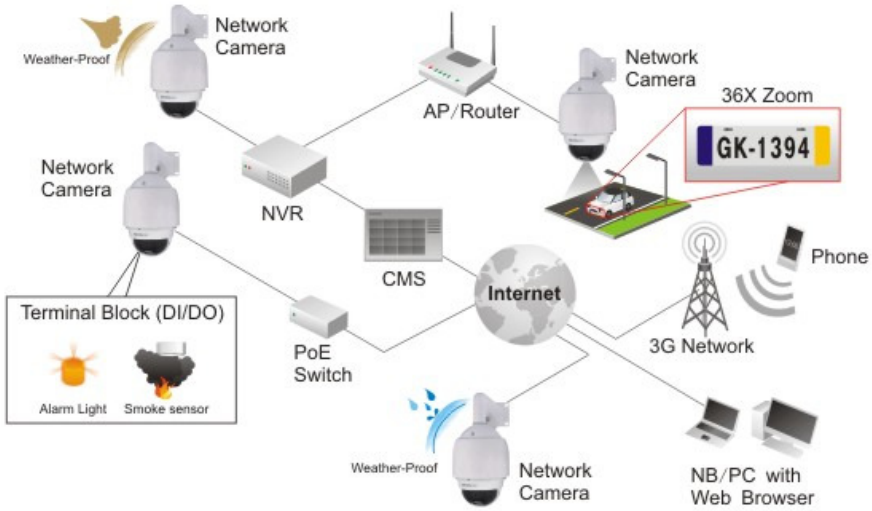
Brickcom Solutions
Speed Dome series camera

www.brickcom.com

OSD-040 36x Series

> Sony Super HAD II CCD Sensor with Effio DSP in D1 Resolution
> 36x Optical Zoom
> 360° Endless Pan, 200° Tilt
> MPEG-4 / MJPEG / H.264 Triple Codec Compression
> 3D Privacy Masks for Private Area Protection
> Weather-Proof (IP66) Casing with Built-in Fan and Heater
> Removable IR-Cut Filter for Day and Night Function
> 1 DI/DO for External Alarm and Sensor Device
> EasyConfig. for Easy Set Up and GUI Integration

OSD-040D 36X	VGA/ 2-way audio/ NTSC
OSD-040E 36X	VGA/ 2-way audio/ PAL



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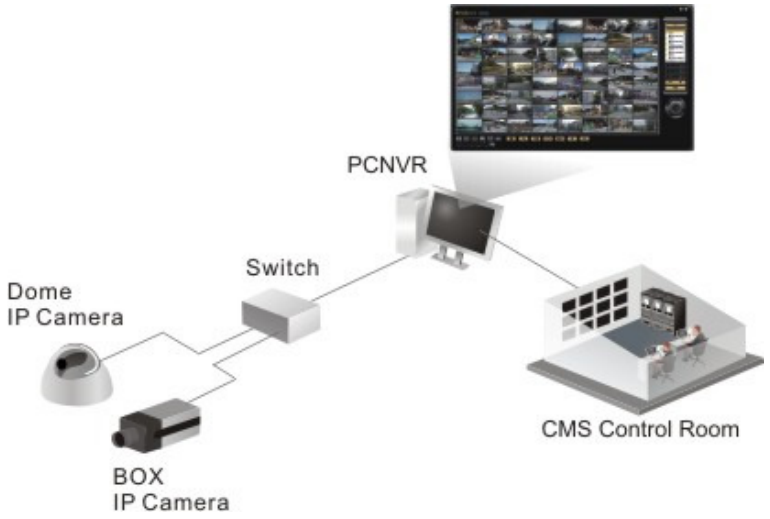
Brickcom

Brickcom Solutions
NVR series (standalone & PC-based)

www.brickcom.com

BRC64	Up to 64-ch standard PC-based NVR (free bundle, can upgrade to RC64-Pro)
BRC64-Pro	Up to 64-ch professional PC-based NVR
NR-04A	Up to 4-ch standalone NVR
NR-1604	Up to 16-ch standalone NVR



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Brickcom

Brickcom Solutions
Networking Accessories

www.brickcom.com

Accessory

Lens | Bracket | Cover | Outdoor Enclosure

Network Accessory

Home Plug Bridge | High Power POE injector | MoCA Bridge | HPNA Bridge | Switch / Switch PoE | Wireless AP / Router | 3G Router | WiMAX CPE / BS

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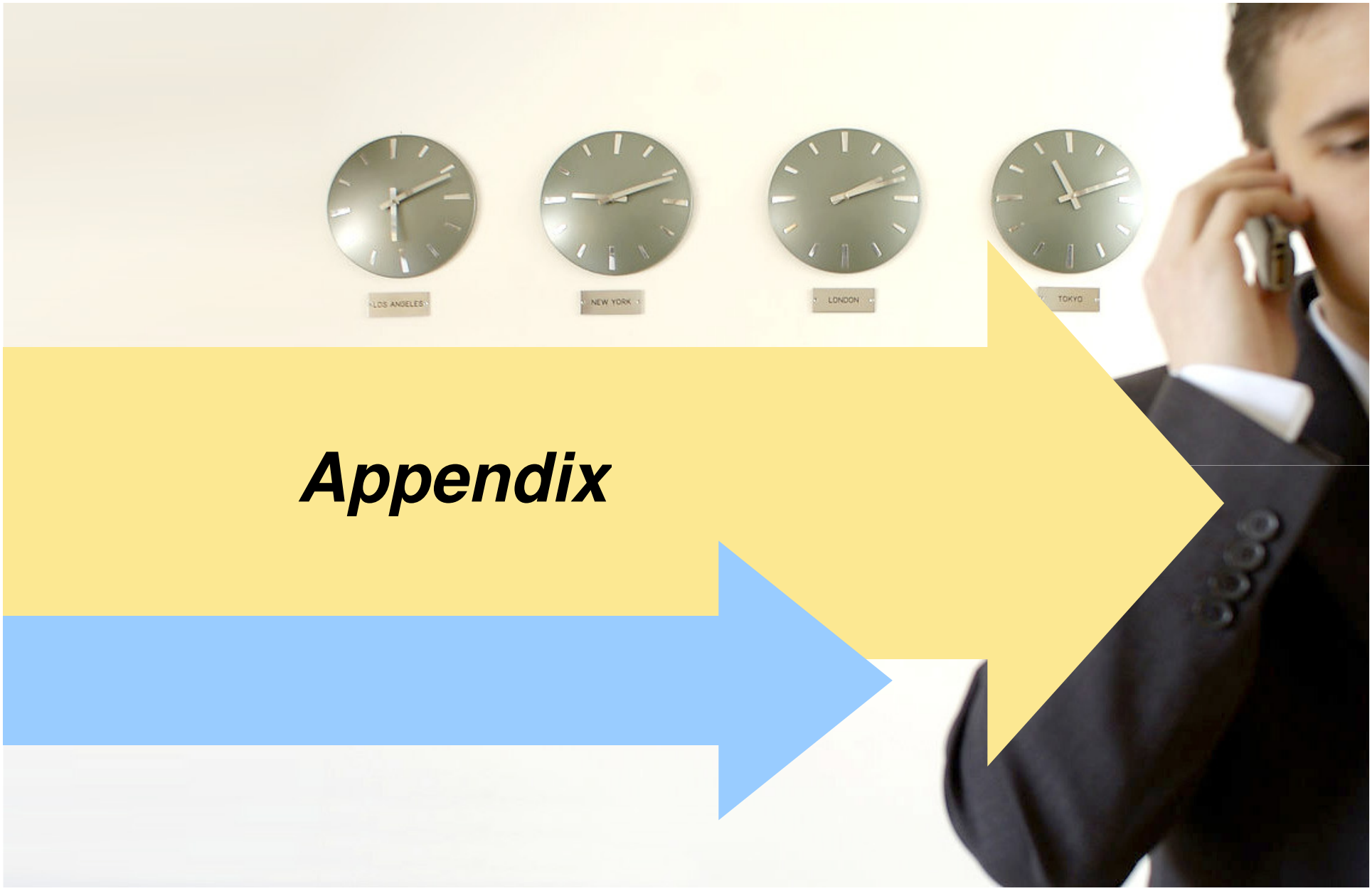

Appendix

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Appendix
Useful Links

- **Brickcom Introduction**
  http://www.brickcom.com/aboutus/

- **BrickOne Solution®**
  http://www.brickcom.com/solutions/brickonesolution.php

- **Brickcom Network Camera Live Demo & Video Clips**
  http://www.brickcom.com/Demo/
  http://www.brickcom.com/Demo/video_index.php

- **Brickcom Products**
  http://dl.dropbox.com/u/29196623/Brickcom_Product_Book_2011_08_official.pdf
  Network Camera: http://www.brickcom.com/products/Network-Camera/
  Video Server: http://www.brickcom.com/products/Video-Server/Video%20Server%20Series/
  NVR: http://www.brickcom.com/products/NVR/
  Network Accessory: http://www.brickcom.com/products/Accessory/

- **Brickcom Successful cases**
  http://www.brickcom.com/solutions/successcase.php

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Appendix
Brickcom Network Camera Awards

Secutech 2011
Camera Excellence Award

FB-130Np wins Camera Excellence Award at Secutech Taipei 2011 show

2011 SSA Award
Safety and Security Amsterdam

GOB-130Ap got nominated for SSA Award 2011(The Netherlands)

2010 ITEX Gold Medal

Wireless Cube Camera was recognized at ITEX 2010 for its cutting-edge

2010 Essen
Security Innovation Award

Brickcom's IP Camera just got Security Innovation Award Top 20 in Essen show 2011.

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Brickcom

- **Product Award @**2011 April Secutech Taipei
- WiFi Dual Band 1.3MP Fixed Box IP Camera WFB-130Np

FB-130N
- Sony Exmore Sensor
- Good performance in big contrast lighting condition

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Product Review - 2011

Computer! Totaal - Microsoft Internet Explorer

Tests

Brickcom CB-101Ap-04

Edmond Varwijk
23 Feb. 2011 16:31

DELEN

De CB-101Ap-04-surveillancecamera van Brickcom doet in alles denken aan een concurrerende (en eerder geteste) Axis-camera. Toch zijn er kleine verschillen en een hogere prijs. Maakt de camera die hogere prijs ook waar?

De Brickcom CB101-Ap-04 lijkt als twee druppels water op de eerder door Computer!Totaal geteste Axis M1031-W camera, terwijl ook de specificaties grotendeels gelijk zijn en soms zelfs beter. De maximale resolutie van de Brickcom is 1280 x 800 pixels met 30 beelden per seconde. Dat is hoger dan bij de Axis M1031-W. Daarbij wordt behalve MJPEG ook H.264 en MPEG als videocodering ondersteund en kan de camera het signaal gelijktijdig via twee verschillend geconfigureerde streams aanbieden. Bij dit soort compacte modellen moet standaard met de hand worden scherpgesteld, en pan en tilt ontbreken. En er kan alleen digitaal worden ingezoomd, dat dus ten koste van de beeldkwaliteit gaat. De beeldkwaliteit is goed, maar minder goed dan bij de genoemde Axis-camera.

Ticking the right boxes?

Brickcom – FB-100A Megapixel Camera

The boom in megapixel cameras has seen many new names emerging in the CCTV sector. The latest is Brickcom, but does its FB-100A megapixel camera tick all of the right boxes for professional security installers?

Specifications

RECOMMENDED

85%

BENCHMARK RATINGS

Product Design: 85%
Features and Functions: 85%
Ease of Installation: 82%
Image Quality: 88%
Performance: 85%
Overall Rating: 85%

Tel: 020 3355 0870
www.brickcom.com

http://computertotaal.nl/article/22268/brickcom-cb-101ap-04.html

The Netherlands Computer Magazine

CB-101Ap got superior review in The Netherlands Computer Magazine

http://www.benchmarkmagazine.com/issues/bmoct10.htm

UK Benchmark testing

FB-100Ap attended the Benchmark testing in UK and got very superior review.

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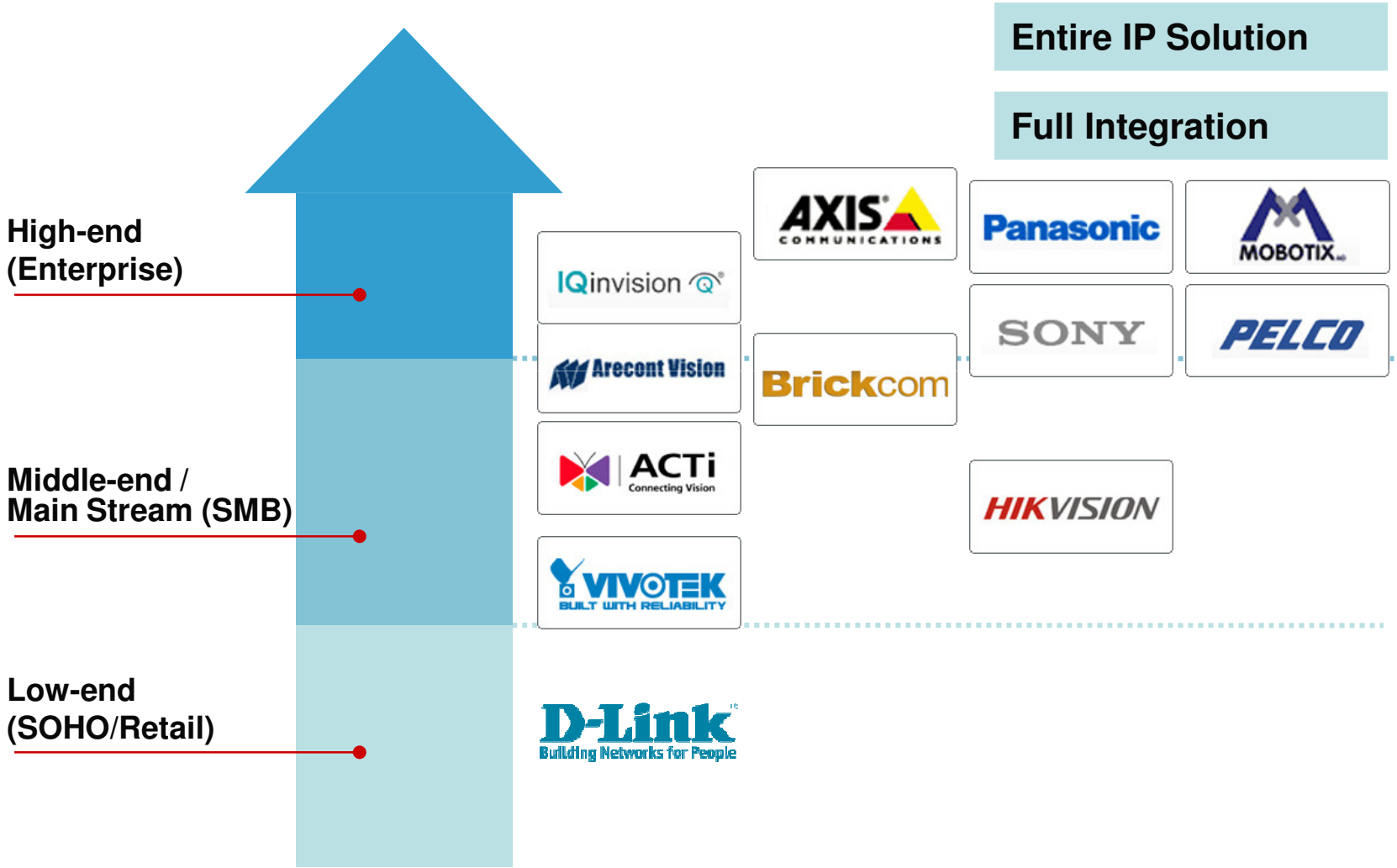
Brickcom Positioning and Market segment



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Why Brickcom

1. **Complete and Full Featured Products**
   - **H.264, MPEG4, MJPEG** triple codec, **dual streaming**
   - **Video Resolution**: VGA, 1M, 1.3M, 3M, **5M**
   - **Video Rate:** 720P|1080P HD Full Frame Rate
   - **Wireless Competence**
2. **High Quality**
3. **Total Solution**
4. **Easy Installation**
   - **WPS**
   - **Easy Config Software**
5. **One Stop Shopping**

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