



Netween Cube in ärmör

# Netween Cube IRON

Presented by Netween Inc.

[www.netween.co.kr](http://www.netween.co.kr)



netween

## 01

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### Current Market

- Security camera in the market
- Security Camera, More features to think about

## 02

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### Product Innovation

- Key point
- Netween Inc. technology
- Netween Cube IRON features

## 03

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### Intelligent Product

- Differences
- Easy install
- variety of functions

## 04

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### Product Evolution

- Netween Cube + IoT GW
- Example of IoT Cube
- New business

## 05

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### Appendix

- The reason of security camera is needed
- Products included in package
- Specification

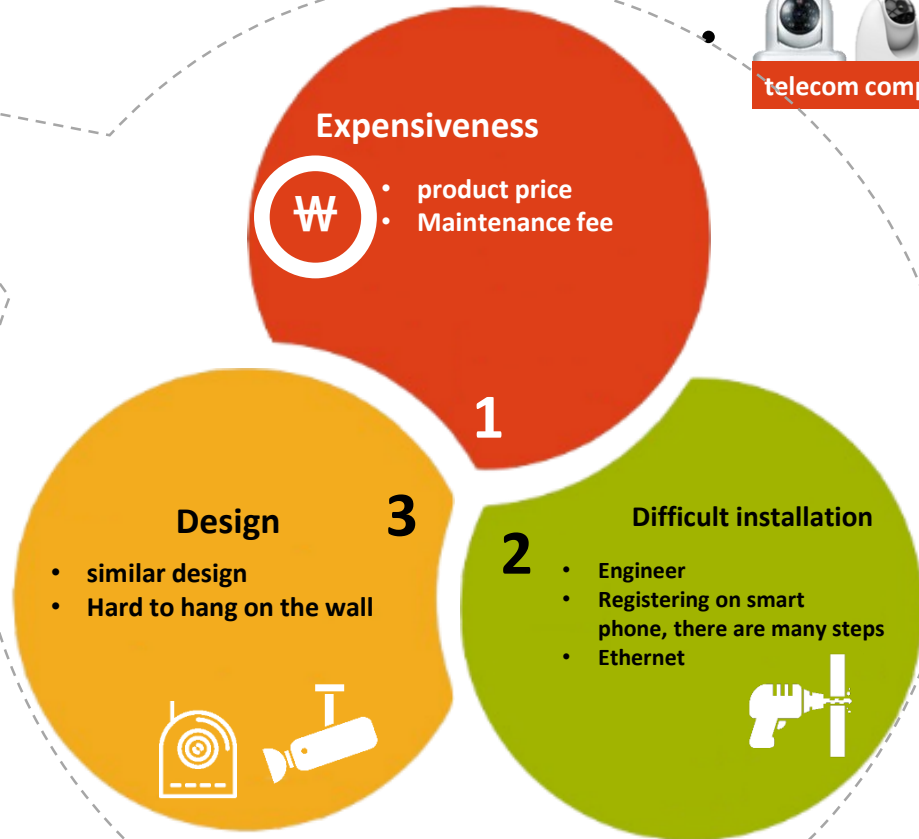


01

## Current Market

- Security camera in the market
- Security Camera, More features to think about

# Security camera in the market.



p/w, serial number.. a lot of steps

# Security Camera, More features to think about

## Cost

Any surveillance camera with no additional cost

## Easy Installation

Don't want to spend installation fee

## Easy to relocate

Is it easy remove and move to new place?

## Design

Compact and nice design that fulfills security needs.



## Warranty

Free maintenance exchange guarantee

## Server security

Is video server secure from external influences?

## Stability of server

Stability of server video streaming without interruption

Intelligent Product !!





02

## Product Innovation

- Key point
- Network Inc.'s technology

# Key Point

## Economical

1

- **Reasonable Price**
- No additional maintenance fee
- Saving video on a SD card and online server
- **OnVIF** – NVR : Saving the labor fee



## Netween technology

2

- **total solution**: Netween Inc. has developed server, app, firmware, hardware. There is no company like us in South Korea
- To be continued upgrade
- Releasing South Korea, Netween Inc. made a contract with foreign company.



## Customer Satisfaction

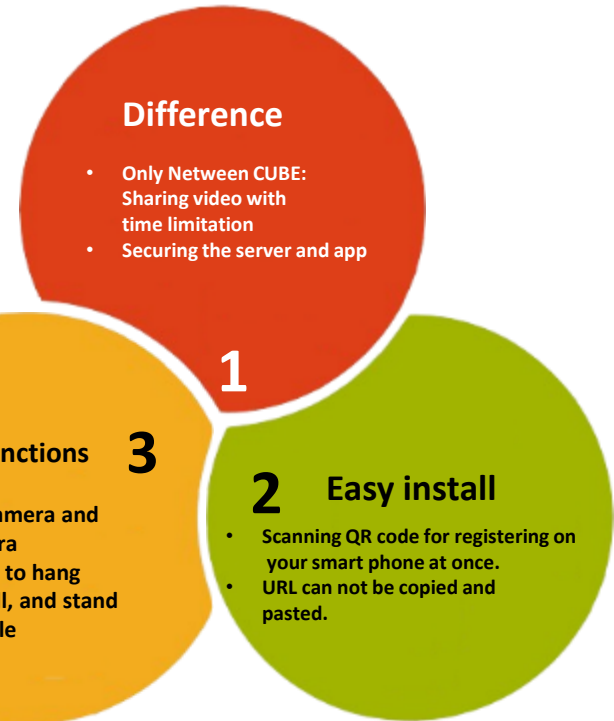
3

- **easy install** : Read the QR Code on app 'netween cube'
- easy register: Sending the URL on SNS, SMS and e-mail
- Sharing the video(Live Streaming): Setting the limitation and sharing the video to someone.



# Netween Inc.'s technology

## Netween Inc.'s individual way



Total solution made by Netween Inc.

We developed this solution by ourselves.

Based on our technical skills, we can upgrade sustainably.



# Netween Cube IRON features

## Difference



Enhanced Server Security  
(App & Server only for CUBE)



Developing  
Server, App, H/W



Live Streaming



Localized Zoom

## Easy install



Wi-Fi  
Plug and Play



QR code  
registration



Plug n Play



Easy Registration

## variety of functions



Motion detection and alert



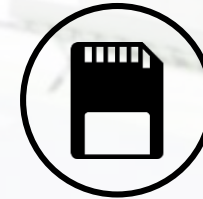
HD video



Powerful IR-ARRAY  
20m night vision



Divided screen



Support  
micro 64 GB SD card



Motion push alarm



03

## Intelligent Product

- Differences
- Easy install
- Variety function

| Netween i-pro



| Netween extension



| Netween CUBE



| Netween Cube IRON



Designed by Netween Inc.

We made our own design. It is totally different from the others.

We consider customer satisfaction.

# Waterproof Netween Cube, Netween Cube IRON

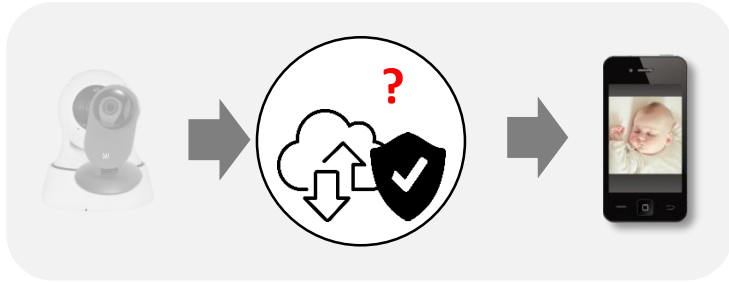


Waterproof, dustproof security camera, Netween Cube IRON

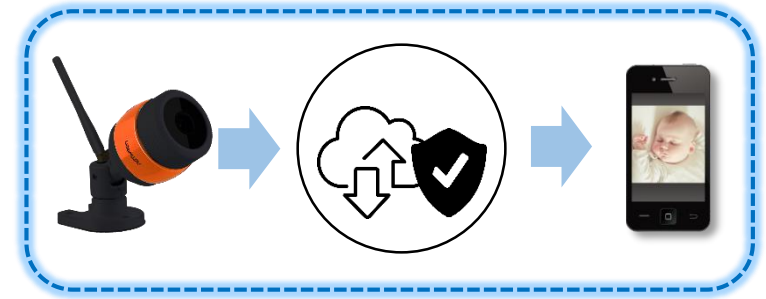
Netween cube wears waterproof armor.

Not only indoor security, but also outdoor security is able to step up with Netween cube IRON.

# Netween Inc.'s own server



VS



Do you think servers shared by many companies are secure?

We dedicated server for "Cube" guarantees security and safety.



## Secure Server, uninterrupted video streaming

Netween Inc.'s own server will keep your video secure.

For uninterrupted video streaming, Netween Inc. services and maintains the server.

With "Cube" app, you can continuously monitor video streaming.



## Netween Total Solution

Firmware, apps, server, and general hardware are directly developed at Netween Inc. Institute. Therefore Netween Inc. is available to update continuously such as new consumer business, enhancements, and additional new features.

# Enjoy together with live streaming

A family reunion held this time,  
I want to show my child from  
abroad..  
Is there any way?

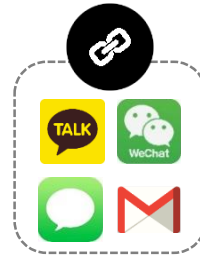


If camera is registered to parents, our  
daily life of couple will be seen...  
Is there any way to show only child?



## STEP 1

Setting time  
of video sharing



## STEP 2

Sending invitation URL  
through text



## STEP 3

Connecting Cube app/  
Sharing video



## Live Streaming to share moments

What if you want to see family gatherings when you're overseas?

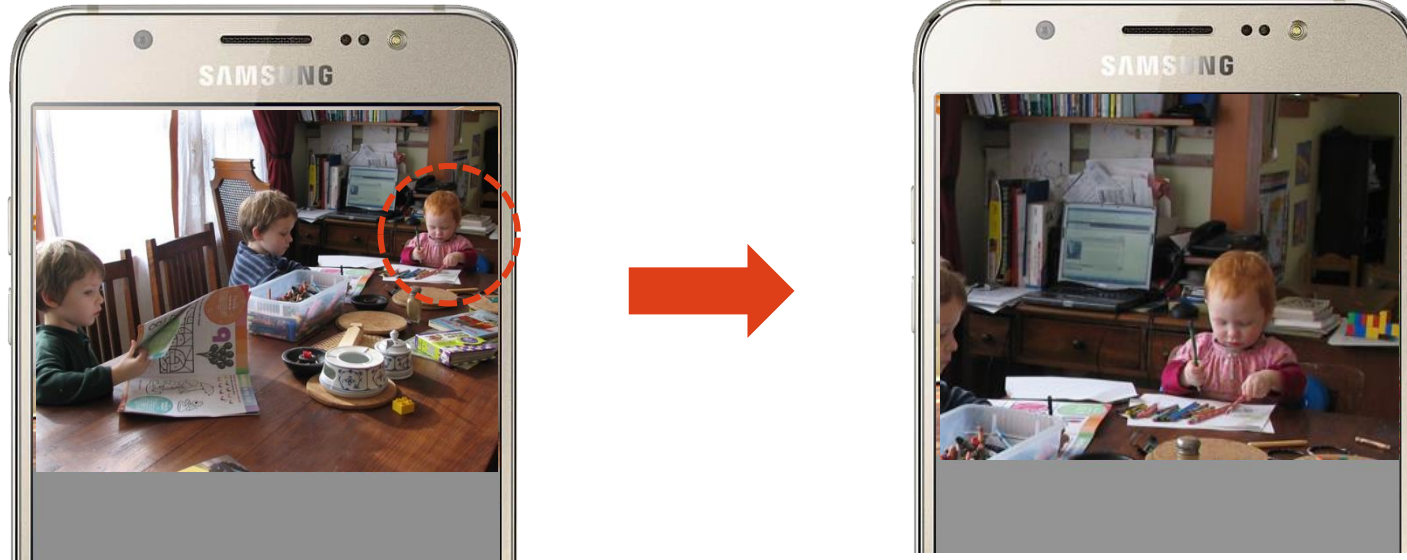
What if you want to avoid hassle of registering your parents smartphone and yet still want to show your kids?

With live streaming you can protect privacy but still share memorable moments.



You can use the URL only one time. It can't be copied and pasted.

# Between Cube IRON can be seen in a bigger image in details



Enlarge the part that you want to see.

Can you not see clearly at the screen? Enlarge the part at Cube App.

You can see the part that you want to see in a bigger image.

When you have given the wrong change back at convenience store, when you wonder what your children is doing, zoom over 4 times through digital zoom panning function.

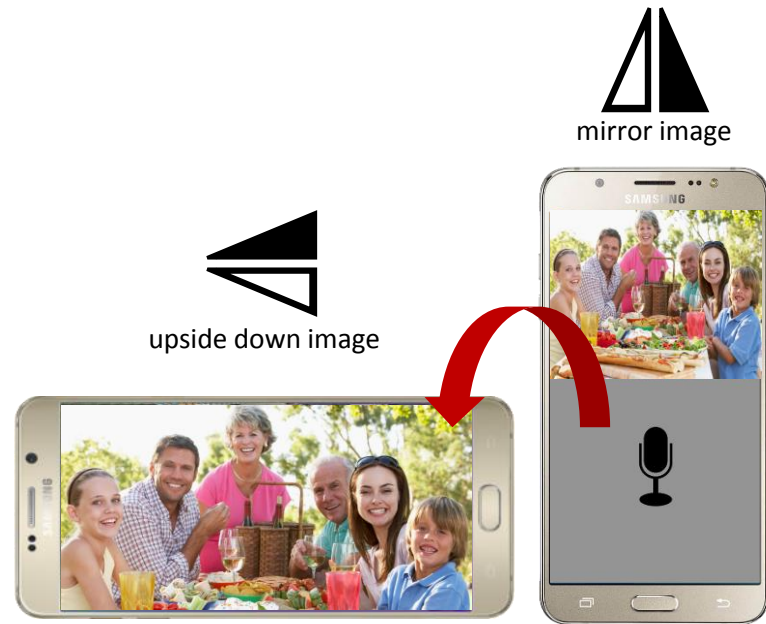




### Installing any direction

App has upside down function.

You can control the direction on the app.

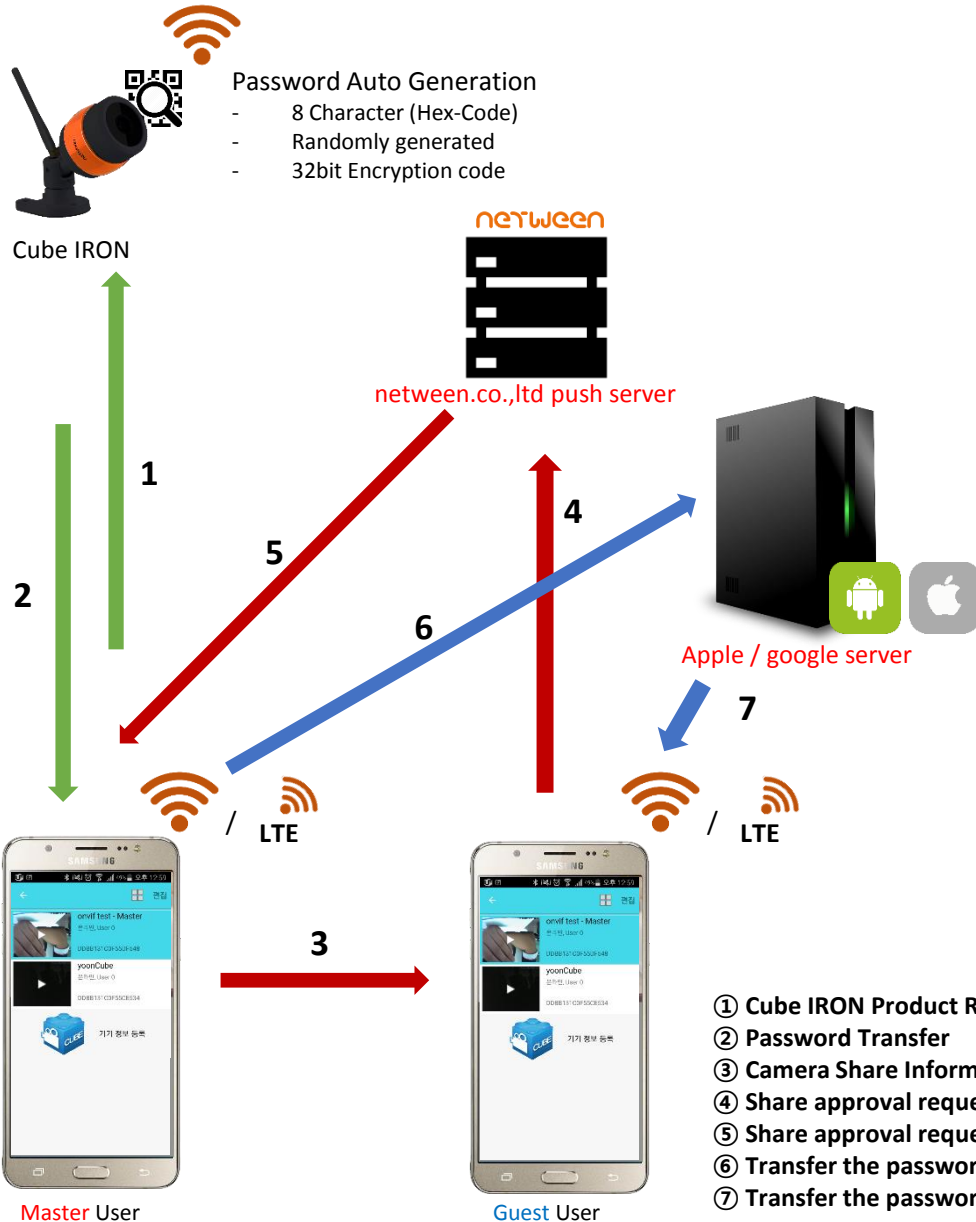




IR –Array, ten times stronger than IR –LED

Large IR-ARRAY at both side of camera enhances night vision capability.

# Enhanced security for password



**Password Auto Generation**

- 8 Character (Hex-Code)
- Randomly generated
- 32bit Encryption code



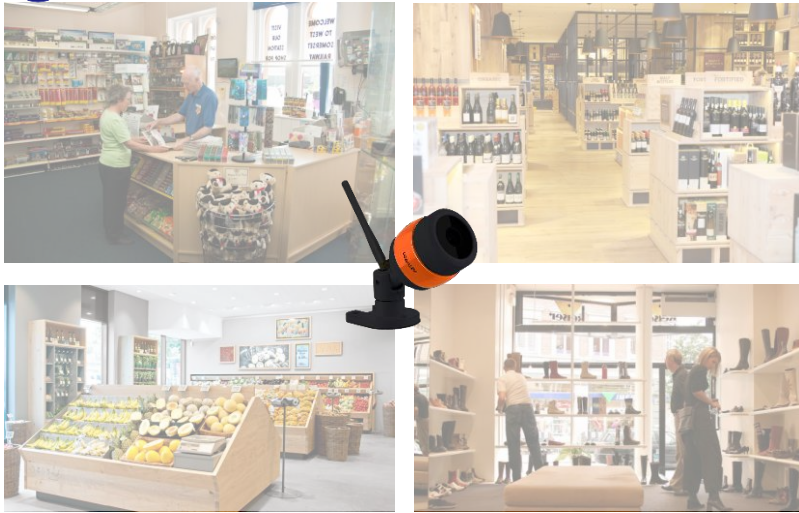
## Smart Security Certification System

As auto-generated passwords are produced from the device itself, you don't have to remember passwords. Also, Never available to back door or hack as nobody cannot know passwords.

- ① Cube IRON Product Registration Request
- ② Password Transfer
- ③ Camera Share Information transfer through the SNS, SMS, Email...
- ④ Share approval request to Netween Push server.
- ⑤ Share approval request transfer to Master-user.
- ⑥ Transfer the password, ID, Name from the Master-User to the Server (Apple, Google)
- ⑦ Transfer the password, ID, Name from the server to the Sharer-User.



ONVIF



Recording on PC 24/7

You can connect NVR(network video recorder)

Difference

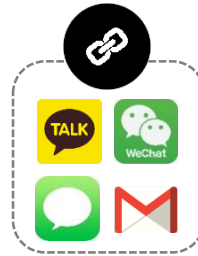
Easy install

# Available to view as ONE link



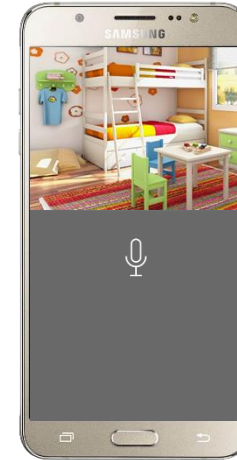
**STEP 1**

Create URL at Cube's app



**STEP 2**

Send URL to whatever messenger you wish



**STEP 3**

Register URL, watch



## Available to view as ONE link

Just send your URL.

If you send URL through messenger app, text, mail, or any way you want, you can register cube through cube's app and monitor right away without special serial number and password.

Difference

Easy install

# Plug & Play(P2P)

## Installation 1

### WiFi

wi-fi connection



## Plug & Play

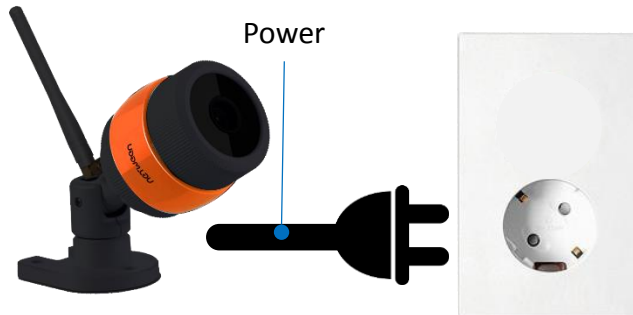
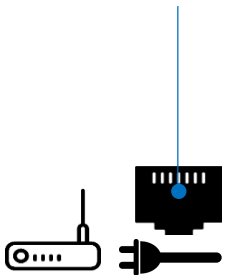
Don't need to connect wired internet.

Wi-Fi is enough.

## Installation 2

### Ethernet

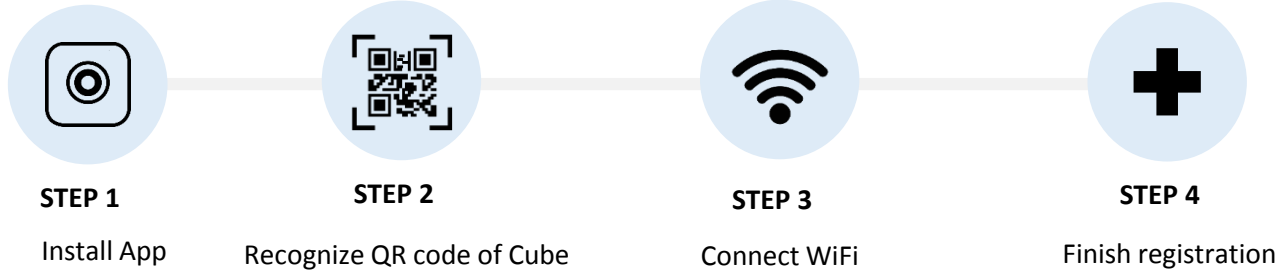
Ethernet





# Ease of registering

Cube  
IRON



Install App with QR code: 1min

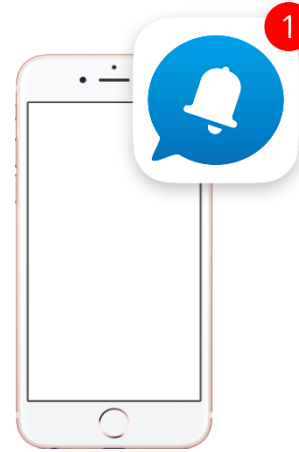
Installation of “Cube” app is simple.

QR code Recognition at either Google Play or Apple app store.

# Motion detection



Motion



Sending the alarm message



You can get the alarm message to your smartphone.

The motion alarm help you catch the motion on your smartphone.





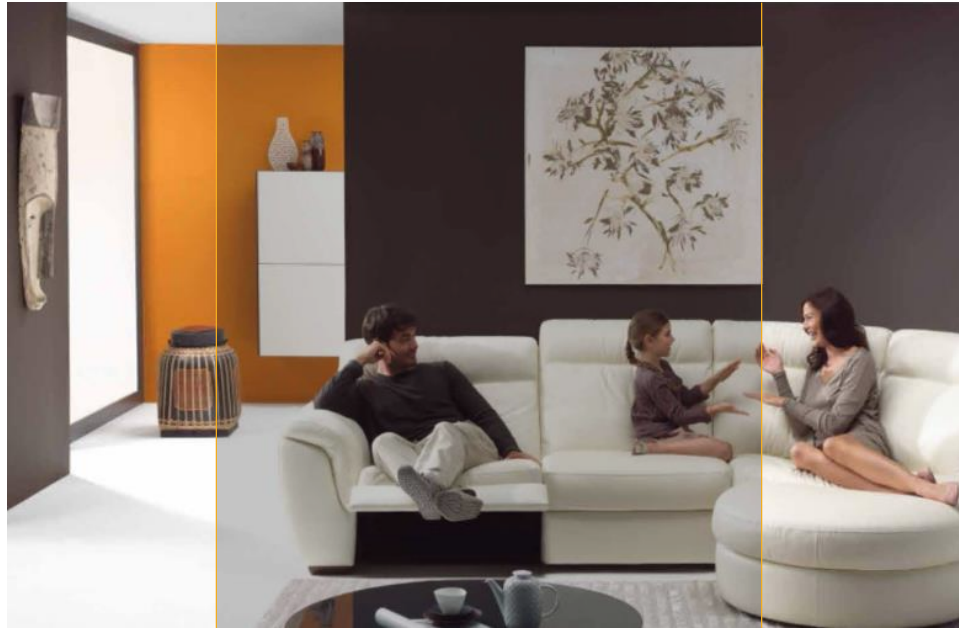
## Recording the video on server and micro SD card

Catching the movement, SD card save the one minute motion.

Server collects all the motion as a snap shot whether having SD card or not.

You can check the snap shots on your smartphone.

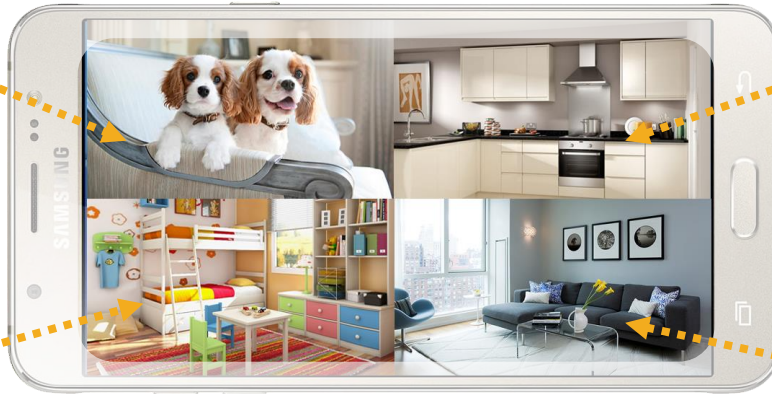
(at least 14 days)



You can see more wider than before. 90° degree

Between cube IRON can find the blind spot.

# Several Screen



## Check several cameras in one screen

You don't have to check one by one individually. App 'netween cube' allows you to simultaneously monitor up to four quad screen.



64GB SD card help your recording.

It is two times longer recording length than 32GB.

Even though the motions are detected on 24hours, 64GB SD card can record ten days at least.

(The less detection, the longer recording.)



04

## Product Evolution

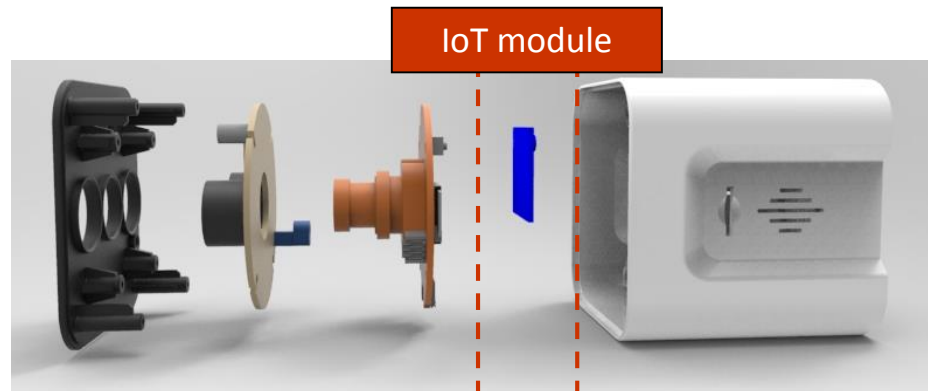
- Netween Cube + IoT GW
- Example of IoT cube
- New business

# Netween Cube + IoT GW



## Netween Inc. make innovation

Netween Cube which is launched with Netween Cube IRON and added IoT is an innovative product. Because of adding the IoT module, we make the enough space.



Seeing is believing.

Can you believe without seeing?

IoT is for controlling house at out side.

You can watch and control the house as your smart devices

# Example of IoT Network Cube

## Smart Life with IoT CUBE

PC, Smartphone  
Alarm



internet



router



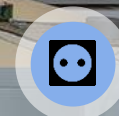
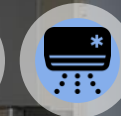
wifi



IoT CUBE



sensor



care



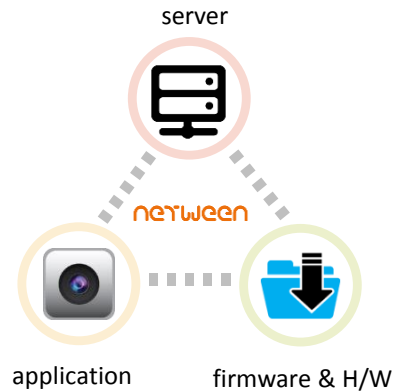
# New Business Model

1

## Product Sales

### total solution

- Netween Inc. develop server, app, firmware, hardware
- Connecting with the personnel security camera.

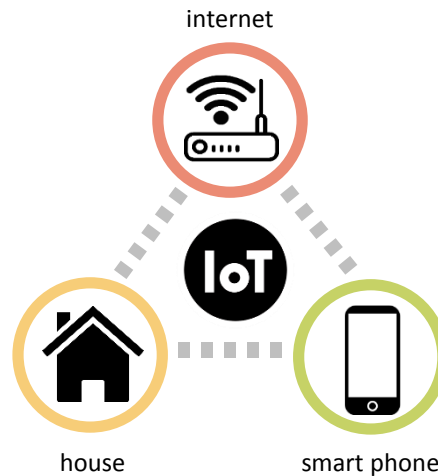


2

## Convergence Product

### Security Camera with IoT

- IoT CUBE  
Personnel security camera with IoT
- Controlling the house at out side.

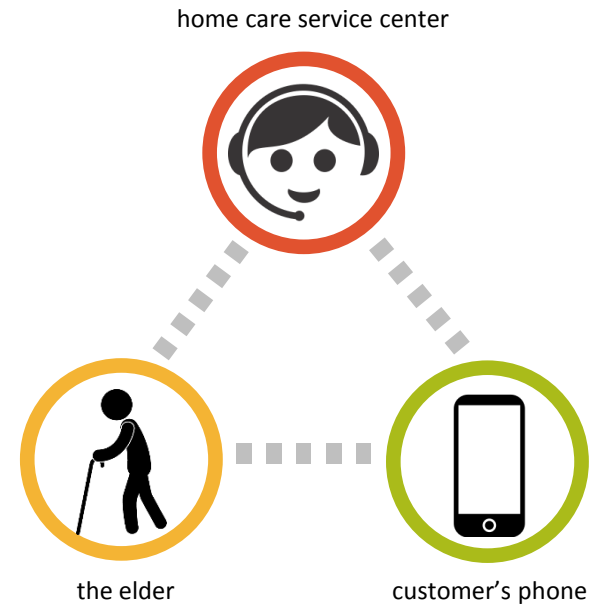


3

## Service Sales

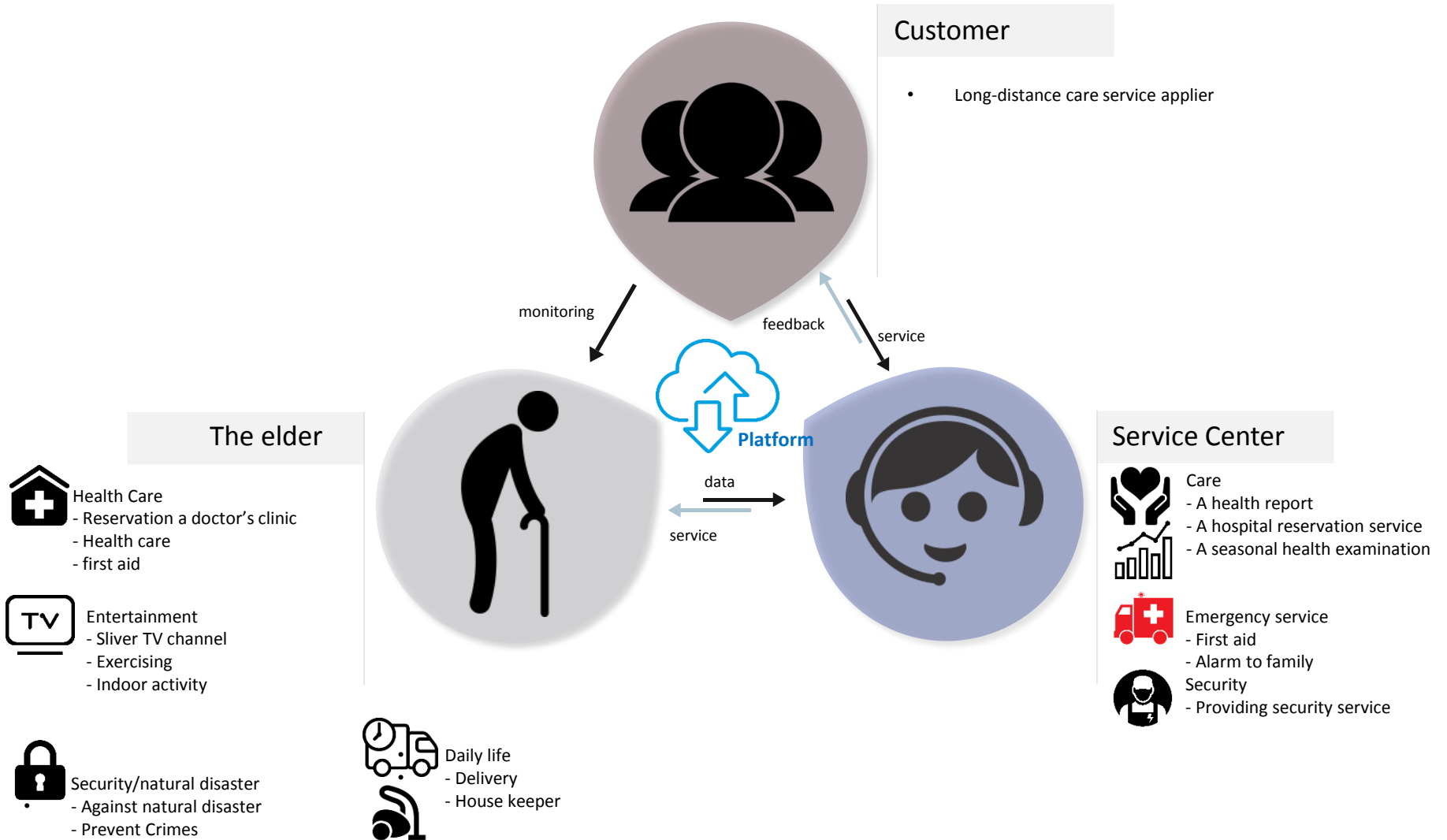
### sliver care

- Connecting IoT with homecare service.





# Sliver Care service



# Saving Motion

## Basic

### SNAP SHOT



### Server



Detecting a motion, it is automatically recorded time and picture in a netween server.

## Deluxe

### Recording



Detecting a motion, the motion is recorded on SD card in one minute.

\*Netween., Inc doesn't sale a SD card.

### SD card



## Premier

Recording video 24/7



### NVR



Being able to recording every moment.

\*SET product with netween cube, cube iron.

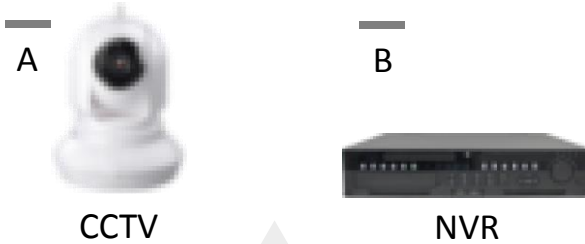
# Total solution full set



The reason why Netween Cube IRON could be popular!

Netween Inc. can customize for users.

Price is half than the others. You can install IP cam more than two times.



developing at two different companies



developing at the same company



amount  x2

price  x1/2



## Appendix

- Violent crimes on rise and effectiveness of security camera
- Products included in package
- SPECIFICATION

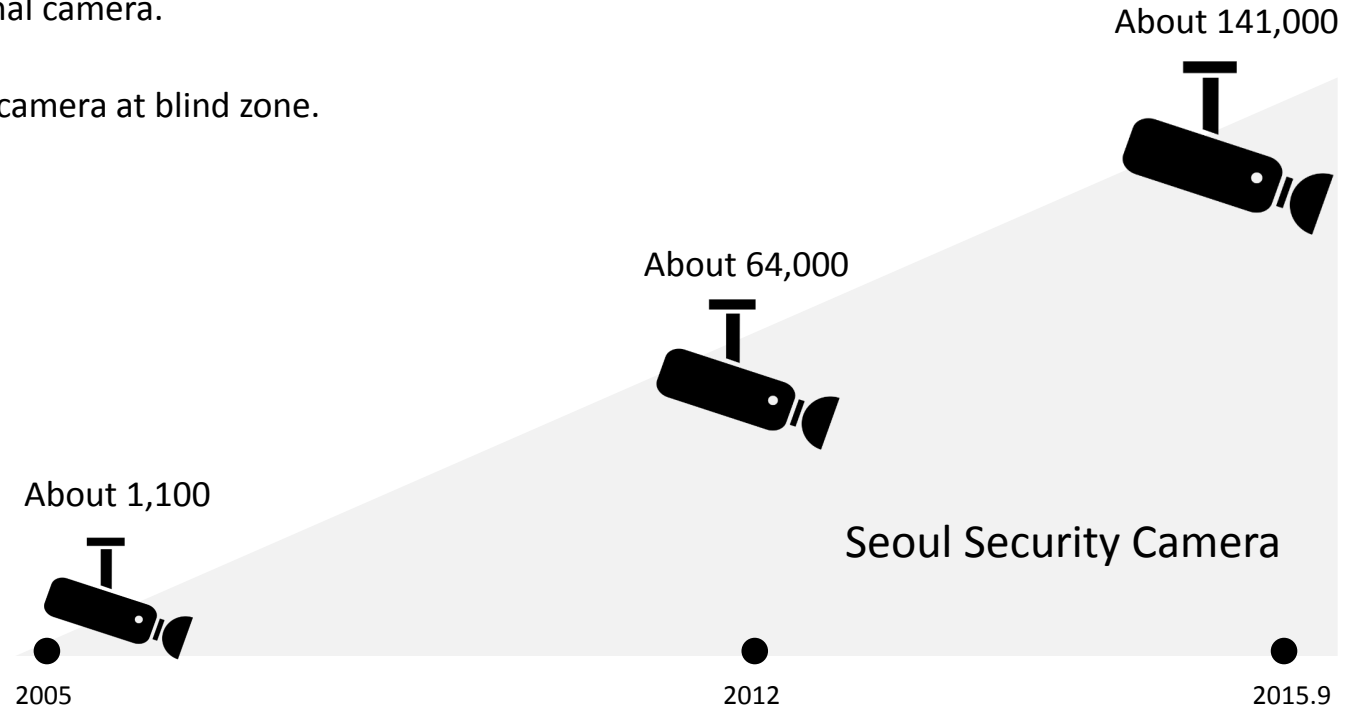
# Violent crimes on rise and effectiveness of security camera

As violent crimes increase, more security camera are installed in public spaces.

Just Installation of security cameras at many towns prove the crime prevention.

These news titles say how effective a security camera installation is.

- Adoption of CSI and 3 fold increase of security camera at Busan. Violent crime down, arrest rate up.
- Secho-gu established Female Security Zone installed \$75,000 worth of surveillance camera.
- Gangnam-gu installed 82 additional camera.
- Yeosu-si, installed 106 additional camera at blind zone.



# Products included in package

## Basic package



main product



antenna



adapter(12V/2A)



screws



four accessories



Quick install guide

# SPECIFICATION



## Specification

### Camera

- Resolution : HD 1280 x 720
- Pixels : 1 Mega Pixels
- Format : H.264
- View Angle : 90°
- Night vision : IR-ARRAY LED
- Auto Exposer
- Auto White balance

### Network

- WiFi : IEEE802.11n Standard
- Data Rate : 150Mbps
- Ethernet : 10/100Mbps RJ-45
- Compatible OS : IOS, Android
- Video stream : RTSP
- OnVIF 2.04

### Main Features

- Motion Detection / Push Alarm
- Micro-SD Slot (Max 64GB)
- Waterproof
- Power supply (DC 12V 2A)
- Dimension 190 x 97 x 97 mm

# Thank You

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Presentation by Netween Inc.

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