

# UTEPO

Just Make It Simple

**UTEPO**<sup>®</sup>

# Overview



Headquarters



Sales Department



R&D Center

Our Mission :  
Aim to the worldwide leader of short & medium signal transmission.



Manufacturing Center



Warehouse



Store

UTEPO is a high-tech enterprise which obtains the ISO9001:2008 and CE, FCC, ROHS certification. UTEPO specializes in HD video, audio and control data signal transmission. UTEPO delicates in the advanced technology in CCTV surveillance, industrial control, telecom, information publication, traffic system, military and education system etc..



# Culture

## Ultimate Goal: About Us

UTEPO will continuously share excellent performance and valuable products with our customers, also provide the best service to customers. UTEPO and our cooperators will grow up and get stronger together.

## Team Work: About Sales Team

UTEPO sales team has been professionally trained for more than 3 months before undertake the position. We have more than 10 sales managers in charge of Asia and Pacific area, America, South America, Europe and Africa individually. Our sales team specialized in the communication of English, French or Japanese.

## Excellent Technical Support

UTEPO cares your satisfaction to our products. Anytime if you have any questions regarding the products, you are welcome to contact us, we will certainly provide the feedback to you in 24 working hours.

## Product Certification: About Certification

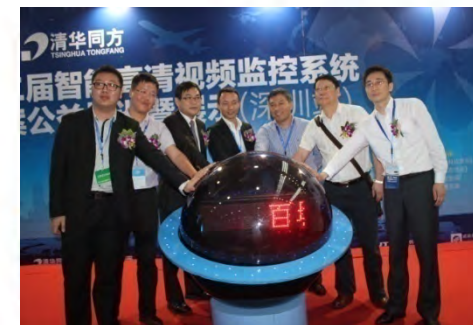
With ISO9001 qualified factory, UTEPO products can meet international standards, such as RoHs, CE, FCC. Therefore, UTEPO is a good brand name all over the world and we are keeping well relationship with our all clients .

## OEM and ODM: About OEM& ODM Service

We provide professional OEM & ODM service to our clients, welcome to contact our sales for more information.

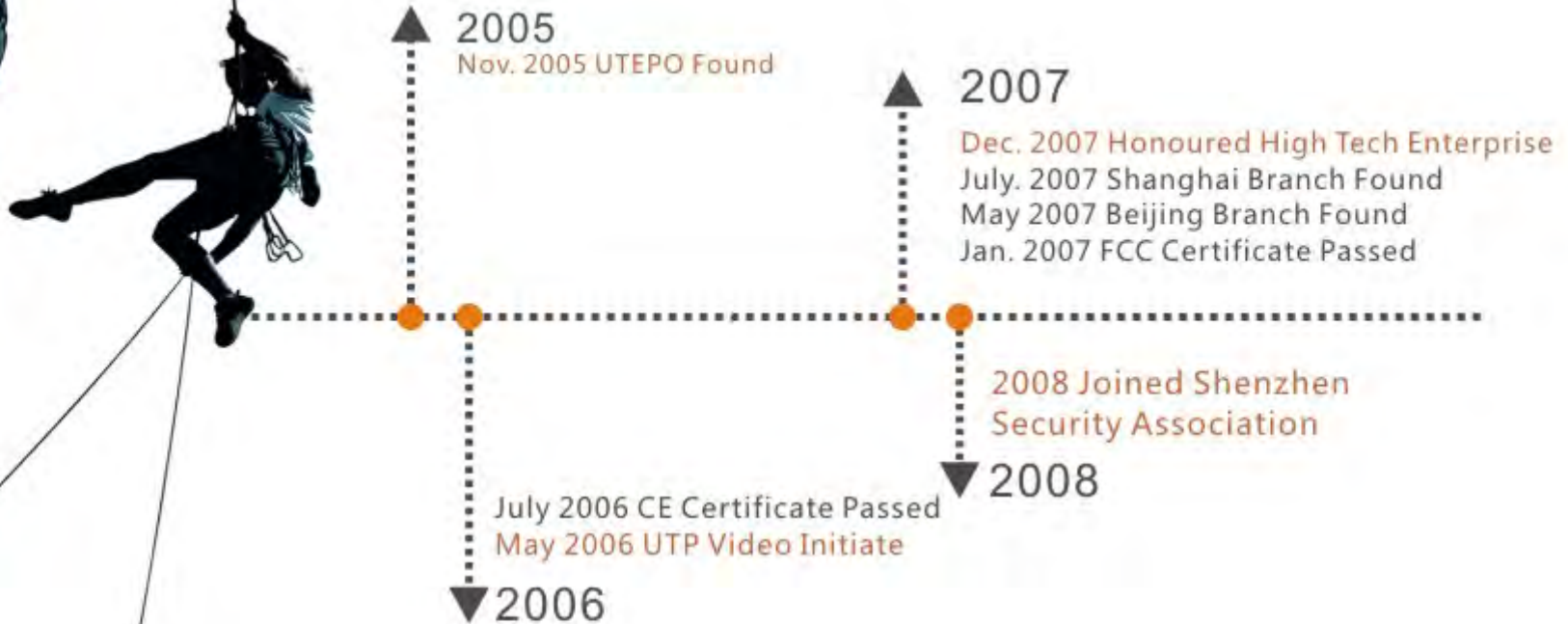
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[www.utepo.net](http://www.utepo.net)

# Course



# Course

## ▲ 2009

- Dec. 2009 Factory move to Founder Science&Technology Park
- Nov. 2009 Honoured CPSE Golden Diamond Award

## ▲ 2011

- Oct. 2011 "utepo" Initiated
- Nov. 2011 UTEPO Party Branch Found
- July 2011 Member of council of Shenzhen Security Association
- July 2011 H.Q. moved to Shenzhen Hi-tech Industrial Park
- Feb. 2011 Honoured CCB VIP Member
- Jan. 2011 Honoured 2010 Signal Processing Brand Award
- Jan. 2011 Honoured 2010 Security China Recommended Brand

## ▼ 2010

- Sept. 2010 First Huaqiang Shop Opened
- April 2010 Honoured National High Tech Enterprise
- Mar. 2010 Changsha Branch Found
- May 2010 Honoured Best Signal Processing Brand
- Jan. 2010 Xi'an Shangdong Branch Found

## ▼ 2012

- Dec. 2012 Honoured Shenzhen Famous Brand Enterprise Certificate
- Dec. 2012 Huaqiang Square Shop (Wanshang) Opened
- Aug. 2012 Huaxi, Guangxi Branch Opened
- May 2012 MIS Software certificated with China PC Software Copyright
- Feb. 2012 Honoured 2011 Top Hundreds Security Branded Enterprise



# Qualification



Shenzhen Famous Brand



National High-Tech Enterprise



ISO9001



CE Certification



FCC Certification



Product Examine Report

# Honor



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Security China Recommended Brand



CPSE Golden Diamond Award



Top 10 Security Credited Enterprise



Wall-Screen Signal Processing Brand



Multi-Media Excellent Brand



China Security Famous Brand

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# Patent





# Qualification Certificate



Rohs Certification



FCC Certification



CE Certification



ISO Certification

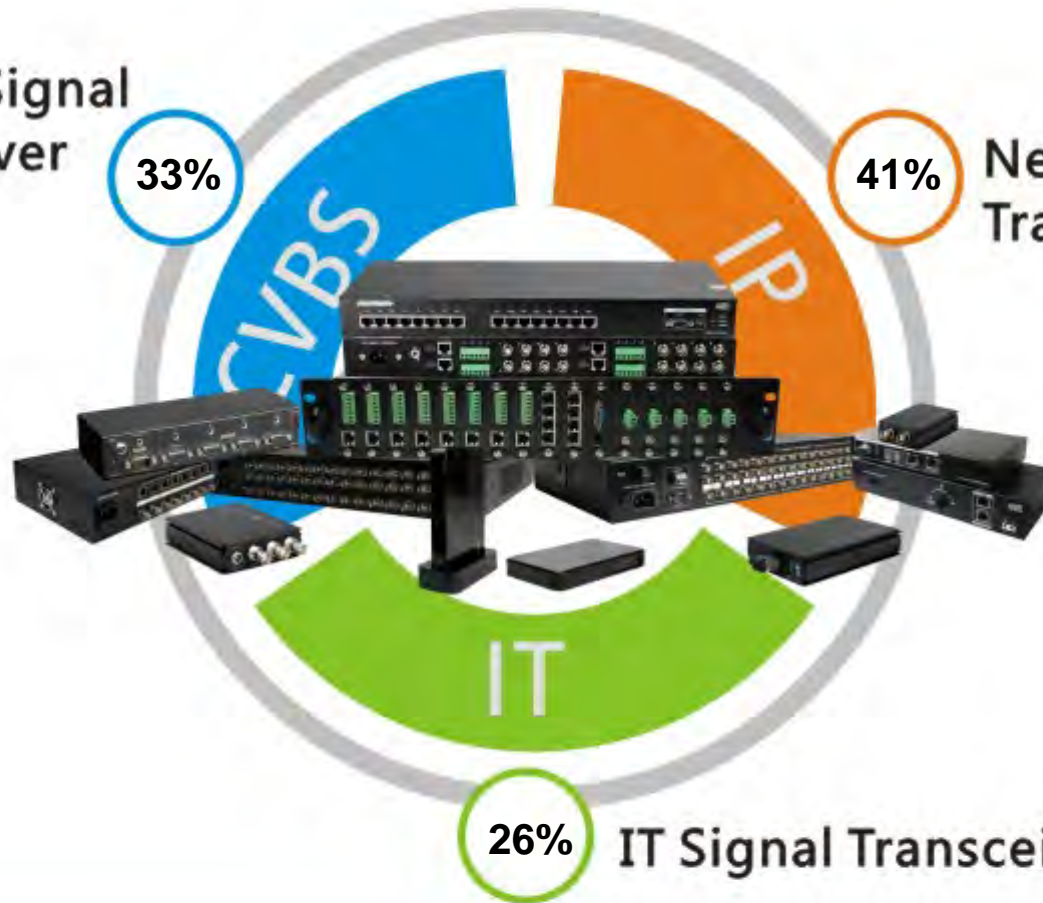
# Product

Analog Signal  
Transceiver

33%

41%

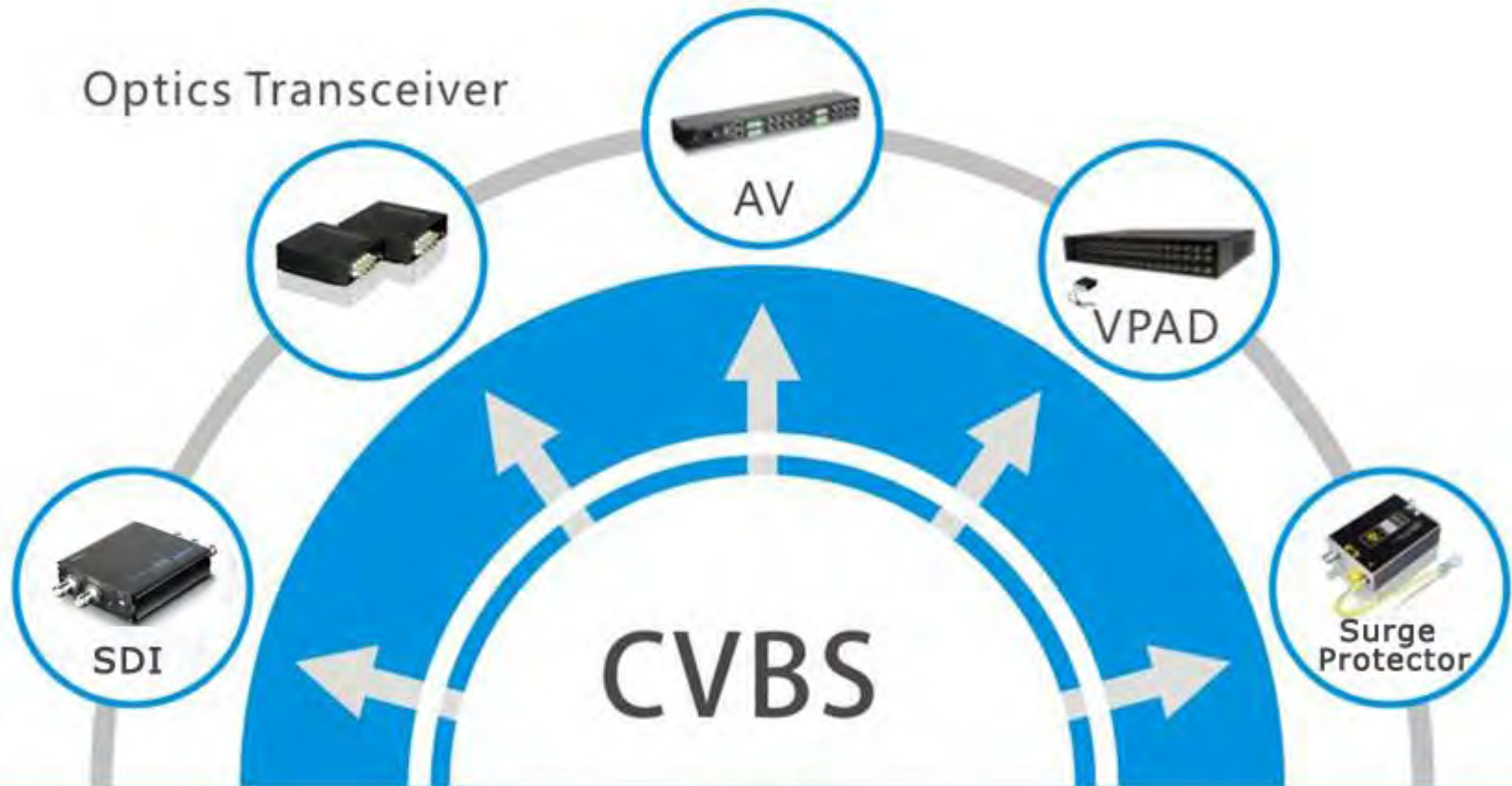
Network Signal  
Transceiver



26%

IT Signal Transceiver

# Product



# Product



# Product



# Product

# MIT

Multi-info  
Integrated



# Marketing Channel

## U.S.

America  
Argentina  
New Zealand  
Ukuguay  
Canada  
Brazil  
Mexico-TVC  
Bolivia  
Venezuela  
Australia

## Europe & Africa

Polan  
Netherland  
Italy  
Greace  
UK  
France  
Finland  
Portugal  
Spain  
South Africa  
Switzerland  
Ukraine

## Asia

Russia  
India  
Korea  
Sari Lanka  
Israel  
Qatar  
Dubai  
Malaysia  
Indonesia  
Japan

# Partner

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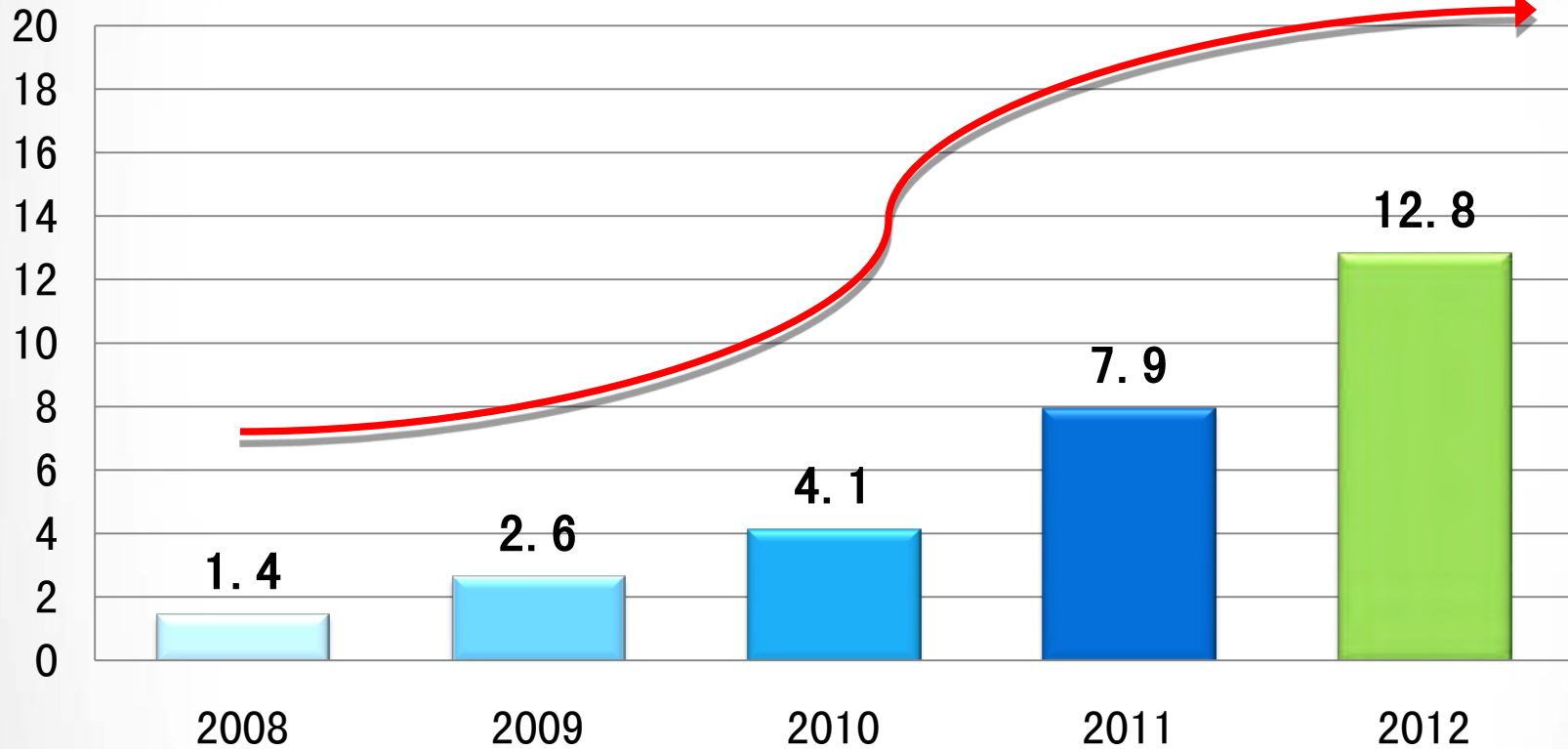
**Our Goal:**  
Win-win cooperation,  
continuous development

[www.utepo.net](http://www.utepo.net)



# UTEPO GROWTH

Annual Sales (Million) in USD



# Advantages-R&D Ability

Industrial Hardware Design

Software Design

Mechanical Engineering Design

Electrical System Design

Design Verification



Sample  
Testing



1<sup>st</sup> PP  
Testing



Before  
Production  
Testing

# Advantages-Testing Procedure

Surge Test

Rapid Impulse Test

ESD Test

Spectrum Test

EMC Test

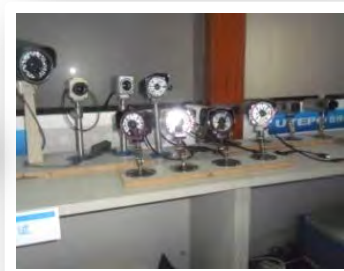


Display Test

Signal Test

Control Test

Function Test



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# Advantages-Testing Procedure

## RoHS Testing

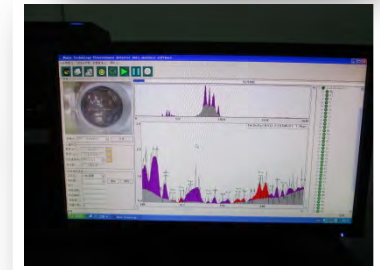
### RoHS Equipment



### Begin Testing



### Waveform Analysis



# Advantages-Testing Procedure

---Analog Surveillance Product



Passive UTP Balun



Comparison with Other Brands



Test Instruments



Multiburst Waveform Test



Full Field Color Bar Test -  
Waveform



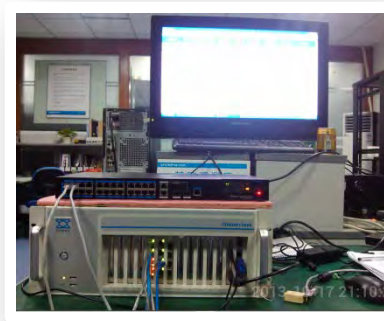
Full Field Color Bar Test  
Signal Phase Diagram

# Advantages-Testing Procedure

--- IP Surveillance Product



UTEPO PoE Ethernet Switch



Test Equipment



Testing Interface

| Serial | IP           | Delay | Loss | Rate | Time | Packet | Loss | Rate | Time | Packet | Loss | Rate | Time | Packet | Loss | Rate | Time | Packet | Loss | Rate |
|--------|--------------|-------|------|------|------|--------|------|------|------|--------|------|------|------|--------|------|------|------|--------|------|------|
| 1      | 192.168.1.1  | 1000  | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 |
| 2      | 192.168.1.2  | 1000  | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 |
| 3      | 192.168.1.3  | 1000  | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 |
| 4      | 192.168.1.4  | 1000  | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 |
| 5      | 192.168.1.5  | 1000  | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 |
| 6      | 192.168.1.6  | 1000  | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 |
| 7      | 192.168.1.7  | 1000  | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 |
| 8      | 192.168.1.8  | 1000  | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 |
| 9      | 192.168.1.9  | 1000  | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 |
| 10     | 192.168.1.10 | 1000  | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 |

Delayed Test

| Serial | IP           | Delay | Loss | Rate | Time | Packet | Loss | Rate | Time | Packet | Loss | Rate | Time | Packet | Loss | Rate | Time | Packet | Loss | Rate |
|--------|--------------|-------|------|------|------|--------|------|------|------|--------|------|------|------|--------|------|------|------|--------|------|------|
| 1      | 192.168.1.1  | 1000  | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 |
| 2      | 192.168.1.2  | 1000  | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 |
| 3      | 192.168.1.3  | 1000  | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 |
| 4      | 192.168.1.4  | 1000  | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 |
| 5      | 192.168.1.5  | 1000  | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 |
| 6      | 192.168.1.6  | 1000  | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 |
| 7      | 192.168.1.7  | 1000  | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 |
| 8      | 192.168.1.8  | 1000  | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 |
| 9      | 192.168.1.9  | 1000  | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 |
| 10     | 192.168.1.10 | 1000  | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 |

Test of Speed Rate

| Serial | IP           | Delay | Loss | Rate | Time | Packet | Loss | Rate | Time | Packet | Loss | Rate | Time | Packet | Loss | Rate | Time | Packet | Loss | Rate |
|--------|--------------|-------|------|------|------|--------|------|------|------|--------|------|------|------|--------|------|------|------|--------|------|------|
| 1      | 192.168.1.1  | 1000  | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 |
| 2      | 192.168.1.2  | 1000  | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 |
| 3      | 192.168.1.3  | 1000  | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 |
| 4      | 192.168.1.4  | 1000  | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 |
| 5      | 192.168.1.5  | 1000  | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 |
| 6      | 192.168.1.6  | 1000  | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 |
| 7      | 192.168.1.7  | 1000  | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 |
| 8      | 192.168.1.8  | 1000  | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 |
| 9      | 192.168.1.9  | 1000  | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 |
| 10     | 192.168.1.10 | 1000  | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 | 1000 | 1000   | 0.00 | 1000 |

Test of Package Loss Rate

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# Advantages-Product Quality

## ---Analog Surveillance Product

**For More Stable Quality:**

**A. PCB Placement welding**  
Fewer welding points  
Machinery production  
High Reliability, Vibration Proof

**B. Jumper welding**  
Many welding points  
Easy to be broken by vibration  
Complicated production procedure

**We Care About Every Small Component**

|                              | <b>OURS</b><br>UTEPO<br>Reasonable Price<br>* Lifetime warranty | Taiwan<br>Expensive | Others<br>China<br>Low Price | China<br>Low Price |
|------------------------------|---|---------------------|------------------------------|--------------------|
| Surge / Lightning Protection | YES   | NO                  | NO                           | NO                 |
| ESD Protection               | YES   | NO                  | NO                           | NO                 |
| Built-in Filter              | YES   | YES                 | YES                          | NO                 |
| BNC Connector                | Very Good   | Good                | Bad                          | Bad                |
| Quality                      | Very Good   | Good                | No Good                      | Bad                |

We build all our CCTV video baluns through technologies to protect them with:

- **Surge / Lightning Protection**  
10/700  $\mu$ s Pulses: 2KV  
Standard: IEC61000-4-5
- **ESD: Electrostatic Discharge Protection**  
Contact Discharge: Up to 6KV  
Air Discharge: Up to 8KV  
Standard: IEC61000-4-2
- **Wave / Interference Rejection and Noise Filter**  
Built-in Filter: 0~6MHz with  
Extra Interference Rejection  
<60 db

# Advantages-Product Quality

--- IP Surveillance Product I

Appearance



UTEPO Switch



Other Brand Switch



Other Brand Switch

PoE Power Supply



UTEPO Switch



Other Brand Switch



Other Brand Switch

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# Advantages-Product Quality

--- IP Surveillance Product II

Superior Quality  
Transformer  
Isolation Chip



UTEPO Switch



Other Brand Switch



Other Brand Switch

No Delay



UTEPO Switch



Other Brand Switch



Other Brand Switch

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# Advantages-Product Quality

## --- IP Surveillance Product IV

Reset Function for Each Port



UTEPO Switch



Other Brand Switch



Other Brand Switch

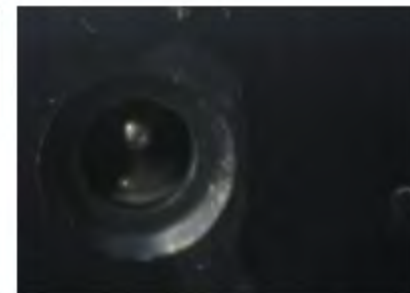
Redundance power design



UTEPO Switch



Other Brand Switch



Other Brand Switch

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# Factory View

Factory Size: 4,500 Square Meters  
Workers: 60 members  
Production Capacity: Video Balun  
300,000 pcs  
Location: Baoan Shenzhen, China



# Global Events



Customer Conference



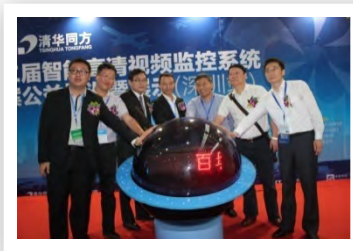
Infocomm 2012



CPSE 2011



Department Store



National Training Project



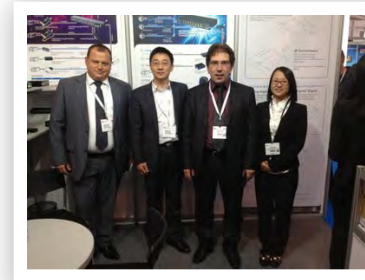
Department Store



Secutech India 2012



ISC WEST 2013



IFSEC UK 2013

# Contact Us



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## ----- Technical Support -----



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THANK YOU...