

ULIRVISION

Thermal Night Vision Systems

Turn Night To Day



Focus on ULIRVISION, Application is All Around Make the World More Secure

www.ulirvision.com

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About ULIRVISION

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Thermal Night Vision Product



Established in 2005, Zhejiang ULIRVISION Technology Co., LTD is located in a beautiful city of Hangzhou which embraced the G20 summit in 4th, Sep 2016.

Our Goal is to make our own brand ULIRVISION internally recognized as a sign of cutting-edge technology and quality. We are achieving this by providing unrivalled customer service in every aspect of ULIRVISION throughout the world.

Our Brand

UL

- UltravioLet

IR

- InfraRed

VISION

- Foresight and Foreknow

ULIRVISION focuses on IR and UV cutting-edge technologies;

To See The Unseen

Turn Night To Day

Company Gene

ULIRVISION

Structure

Reputation

Certificate

Patent

- Registered Capital of **CNY111,000,000**
- **14 years** of history while energetic & ambitious
- Specialized in Design, R&D and manufacture of **IR and UV imaging system**.
- Rooted in the self-independent innovation, we are plunging into the design & research of IR optics, Imaging circuit, Imaging algorithm, System integration, Remote control and information processing
- More than 40 patented domestic-leading and global-advanced IR systems and Hi-tech EO/IR systems were developed.
- More than 160 staffs, including engineers, technicians, managers and other type of employees.

Company Gene

ULIRVISION

Structure

Reputation

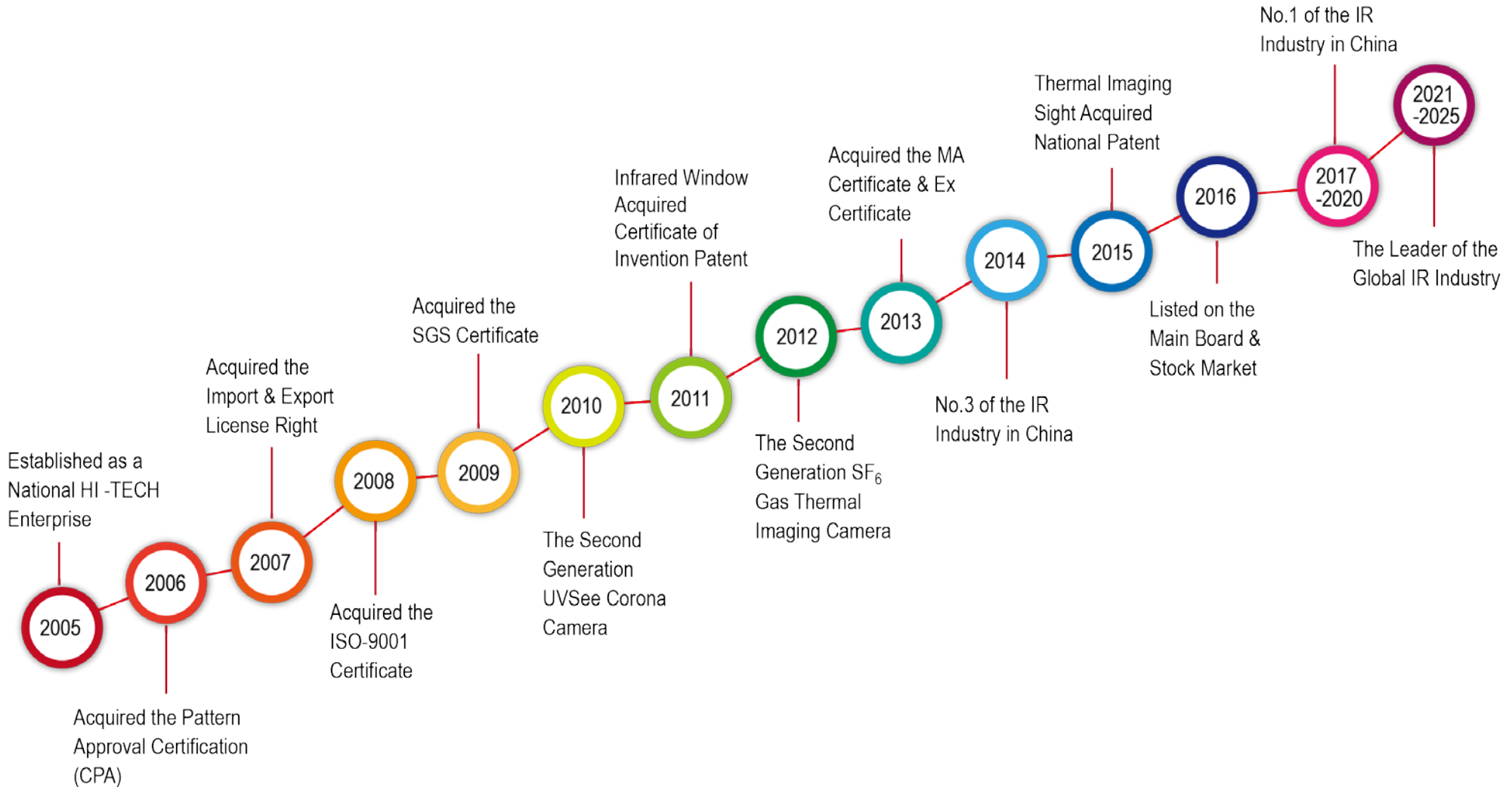
Certificate

Patent

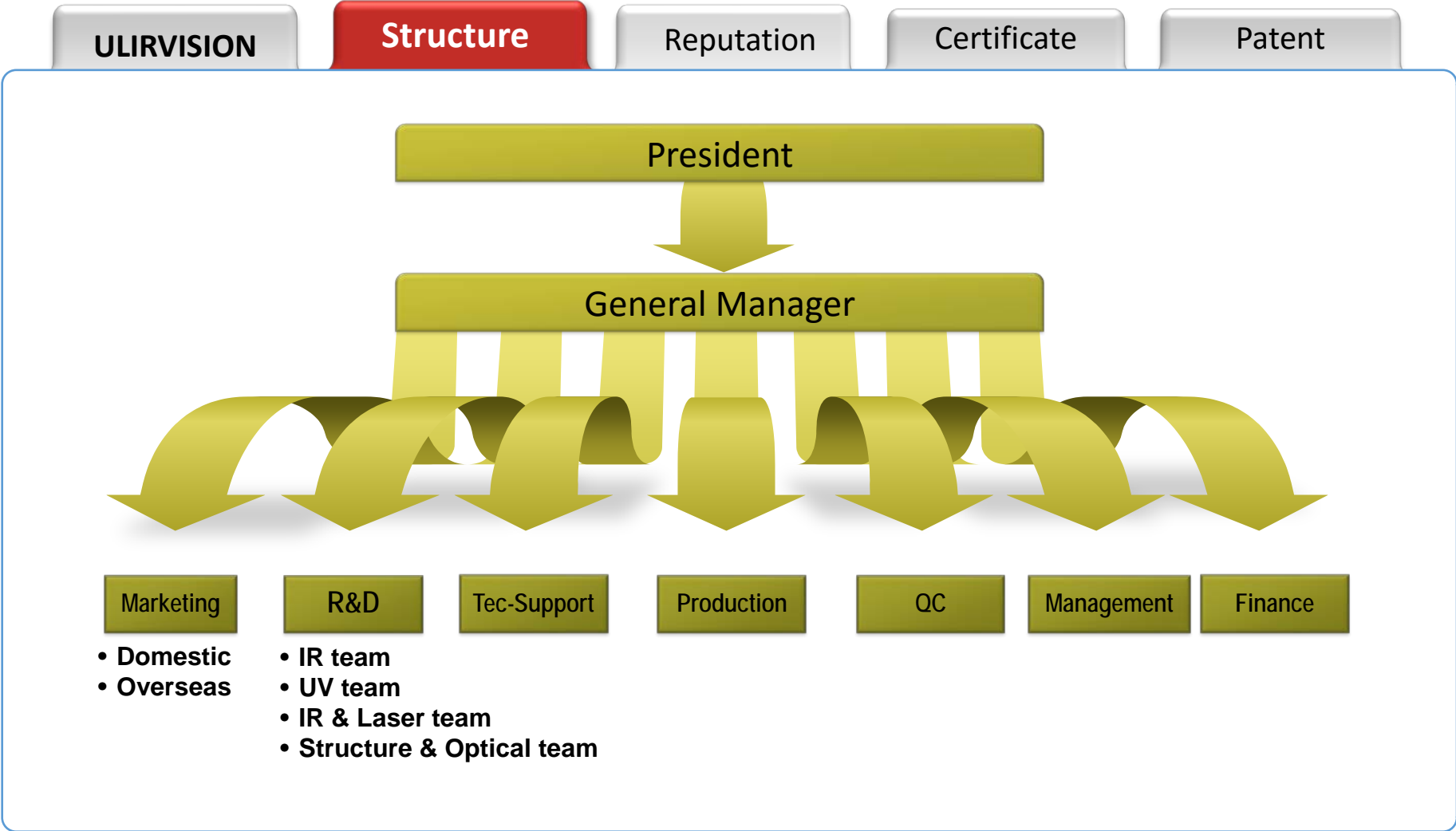
- Having a professional QC term to inspect all product before shipment . We are introduce the advanced testing equipment in European countries to guaranty reliable quality of the product.
- With strong technical service engineer to provide a Perfect pre-sale service and after service to our customer
- Have got GJB Military standard 、 ISO9001、 SGS 、 CE、 ROHS
- Enjoy good market share in China and have exported to more than 60 countries .

History

We Grow Records



Company Structure



ULIRVISION Reputation

ULIRVISION

Structure

Reputation

Certificate

Patent



ULIRVISION Certification

ULIRVISION

Structure

Reputation

Certification

Patent



ULIRVISION Patent

ULIRVISION

Structure

Reputation

Certification

Patent



ULIRVISION Advantages

Excellent R&D Team

30+
Copyright



100+
Patent



Stand-alone Manufacture
from DQA to MQA



Manufacture
Assembly
Testing

Complete Solution Provider



Internationalized
Quality Control System



ULIRVISION Advantages

A Global Brand
with a Local Presence



360° Technical Support &
Thorough Warranty Service

24 hrs / 365 days



Completed Training System



ULIRVISION Core Technology

- ✓ Infrared SHUTTERLESS Technology
- ✓ IVE Enhancement Imaging Technology
- ✓ Ultraviolet Imaging Technology
- ✓ Infrared Gas Imaging Technology
- ✓ Ultraviolet + Infrared / Infrared + CCD FUSION Technology

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Thermal Night Vision Product

- **Thermal Imaging Core for OEM**
- Thermal Security Camera
- Thermal Weapon Sight

1

Thermal Imaging Core





- **MWIR MCT –Scorpio Detector**

- 320 × 256, 30μm | 640 × 512, 15μm
- NETD < 20mk @ 25 °C
- 60Hz frame rate
- Image enhancement: Automatic image filtering, DDE
- 2x digital zoom
- Analog PAL; Camera link digital output
- ≤ 1.5kg (w/o lens) ; 140mm × 72.2mm × 90mm (w/o lens)

TC320MW | TC640MW

**Mid-wave cooled
thermal imaging cores**





- **MWIR MCT –LEO Detector**

- 640×512, 15μm
- NETD<23mk @25 °C
- 60Hz frame rate
- Image enhancement: Automatic image filtering, DDE
- 2x, 4x digital zoom
- Analog PAL; Camera link digital output
- ≤800g (w/o lens) ; 119mm×115mm×77mm(without lens)

TC640SMW

**Mid-wave cooled
thermal imaging cores**



Vox



- **Uncooled Vox 640X512 detector,**
- **17-micron pixel pitch, NETD<40mk(at 30°C)**
- 50/60Hz frame rate
- **Time to image <10s (Self-checking and TEC function)**
- 2x, 4x digital zoom
- PAL/NTSC analog video output
- LVDS Digital video output
- RS232 /remote control
- Consumption<2W
- Athermal, manual, motorized IP67 sealed lenses are available

TC688HQ



- **SHUTTERLESS TECHNOLOGY**
- Uncooled FPA **384X288 or 640X480 Gen2 detector**
- 17-micron pixel pitch, **NETD<50mk(at 30°C),**
- 50/60Hz frame rate
- Time to image <3s
- Super light weight <55g, Dimension 38x38x24mm
- 2x, 4x digital zoom
- Analog video output in NTSC/PAL selectable
- Consumption<0.9W
- Athermal, manual, motorized IP67 sealed lenses are available

Gen-2



TC390G | TC690G

● SHUTTERLESS TECHNOLOGY

- Uncooled FPA 384X288 or 640X480 detector
- 17-micron pixel pitch, **NETD<50mk(at 30°C)**,
- 50/60Hz frame rate
- Time to image <3s
- **Super light weight <32g, Dimension 28x28x22.2mm**
- 2x, 4x digital zoom
- Analog video output in NTSC/PAL selectable
- Consumption<0.7W
- Athermal, manual, motorized IP67 sealed lenses are available



TC490G&TC790G

The Comparison Sheet between TC388|TC688, TC490|TC790 and TC390|TC690

Serial No#	Model		Resolution	NETD	Frequency	Dimension	Weight	Lens
1	TC688HQ Infrared core	Vox Detector Shutter technology	640x512, 17um pixels	40MK	50HZ	40x40x41mm	90g	Multi-lens for option
2	TC390G TC690G Infrared core	Gen-2 Detector Shutterless technology Continue working Imaging	640x480, 17um pixels	50MK	50HZ	38x38x22.2mm	50g	Multi-lens for option
3	TC490G TC790G Infrared core	Gen-2 Detector Shutterless technology Continue working Imaging	384x288, 17um pixels 640x480, 17um pixels	50MK	50HZ	28x28x22.2mm	32g	Max. Lens 35mm

● Vehicle Vision System for Military Ground Vehicles

- 384 X 288 | 640 X 480 17um, 50Hz
- Day/Night 24-hour operation in adverse weather condition
- Mounted on various combat and tactical wheeled vehicles
- IP67 encapsulation



Selina30 | Selina60

Thermal Core Application

UAV System Application



Vehicle Vision System Application



Soldiers Thermal Night Vision Applications



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Thermal Security Camera



- **Shutterless Technology IP Full High-Definition Thermal Security System**

- 640X480 , 17um FPA Uncooled detector, 50Hz Frame Rate
- Remote manual startup or Auto startup & shutdown functions

- **VIDEO ANALYTICS PROCESSORS**

- Strong Wind resistant design & self-locking function
- **Multiple lenses are optional: 25-100mm,30-150mm,60mm/150mm**
- IP66 encapsulation



TC800PTZ



- **Shutterless Technology IP Full High-Definition Thermal Security System**
- 384 X 288 | 640 X 480 17um FPA detector, 50Hz frame rate
- Dual-spectral thermal imaging system
- **VIDEO ANALYTICS PROCESSORS**
- IP66 encapsulation, protection shield for all-weather Conditions
- Easy to install, easy to operate.
- Multi-lens for different applications

TC400PTZ | TC600PTZ

**IP Full High-Definition
Thermal Security
Monitor Systems**





- **Shutterless Technology**, continuous & optimal images in all scene conditions
- 384 X 288 | 640 X 480 17um FPA detector 50Hz frame rate
- **POE, AC and DC inputs, analog and network outputs**
- **VIDEO ANALYTICS PROCESSORS**
- IP66 encapsulation, protection shield for all-weather Conditions
- 24/7 intrusion protection
- Easy to install, easy to operate.

TC400 | TC600

**IP Full High-Definition
Thermal Security
Monitor Systems**



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Thermal Weapon Sight





- **Shutterless technology**
- 640 X 480 17um FPA detector, 50HZ
- High-Definition OLED 800X600
- **64G for Photo & video recording**
- **Battery Operation time > 7 hours**
- Manual lens alternative for different applications
- MIL-STD 1913 Pica tinny Rail
- IP67 encapsulation.

Eagle 70CC

Thermal Sight





- Eagle 30
- 384 X 288 17um FPA detector
- **Have tested more than 8000 shooting**
- High quality thermal imaging videos
- MIL-STD 1913 Picatinny Rail
- IP67 encapsulation
- Easy to install, easy to operate.
- Manual lens alternative for different applications

Eagle 30 | Eagle 60

Thermal Sight





- **Shutterless technology**
- 384 X 288 17um FPA detector, 50HZ
- Integrated 42mm lens; Detection: 1250M, Recognition 350M
- **Auto reticle correction function**
- **Optional: laser range finder (automatic trajectory correction)**
- **Battery Operation time > 7 hours**
- MIL-STD 1913 Picatinny Rail
- IP67 encapsulation.

Eagle 40

Thermal Sight



● Thermal Imaging Binocular

- 640X480 pixels, 17um 50Hz
- High-Definition OLED, 800 X 600
- 64G for Photo & video recording
- Built-in DMC, GPS .
- MIL-STD 810F Standard
- IP67 encapsulation



Wolf 60

Thermal Binocular

- Thermal Imaging Monocular
- **Shutterless technology**
- 640X480 pixels, 17um 50Hz
- High-Definition OLED, 800 X 600
- **64G for Photo & video recording**
- **Battery Operation time > 7 hours**
- MIL-STD 810F Standard



Venus70CC

Thermal Monocular

THANKS !



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