

## AGT-ARQN2612 Aries Handheld HD IR Laser Imaging Camera



### Overview:

This **Aries** series of **AGT-ARQN** portable forensics laser camera is a laser night vision product specially designed for public security, criminal investigation and evidence collection purposes. With long focus-zoom lens, ultra-low illumination color-to-black camera, and red-free exposure angle laser supplementary illumination, the longest detection distance can reach

1000 meters during daytime, and 500 meters is the night, the distance between identification of human activities can be up to 300 meters during daytime and 200 meters in the night.

This camera is also suitable for all-days continuously monitoring; using red-burst-free laser illuminator, easy to conceal, good lighting effect, not affected by external lighting; built-in miniaturized display and control module, which can achieve zooming, focusing, laser angle and switch control; built-in acquisition and storage functions, real-time video recording.

The whole machine is powered by large capacity lithium batteries, or by DC12V, which is suitable for portable and on-board power supply; it has OLED high-resolution display, high brightness and low temperature resistance; and the laser adopts three-speed fast-tuning mode, which to ensure the lasting of service life and ease of control.

### Product's Highlights:

1. Small design, easy to carry and install;
2. Red-burst-free optical design, makes forensics snaps more subtle.
3. Special laser shaping homogenization and light power control technology to achieve the best lighting and photography effect, can recognize human face and vehicle's plate number;
4. High brightness OLED self-luminescent display, low power consumption, low temperature resistance;
5. Super-strong fog penetration mode to enhance the image details and clarity of hazy days;
6. PV polarizing lens, can penetrate tinted car windows during day and night, and can clearly identify the hidden personnel in the car.
7. The whole camera is made of super-strong aluminium alloy shell with excellent heat dissipation, IP66 protection, with rain and dust proof.

### Application Range:

1. Hunting;
2. Criminal arrest activities;
3. Forensic and Inspection;
4. Oilfield and chemical plant security monitoring;
5. City Security and Safety Monitoring & Surveillance;
6. Railway system security and guarding.

### Specification:

<b>Model</b>	<b>AGT-ARQN3602</b>
<b>Working Distance</b>	
Day: Human detection - 1000m, identification - 300m	
Night: Human detection - 500m, identification - 200m	
<b>Laser</b>	
<ol style="list-style-type: none"> <li>1. Consumption: 8W;</li> <li>2. Laser angle: 1°~25°;</li> <li>3. Synchronization control: DSS digital stepping illumination angle control technology, 0.1 degree precise servo control;</li> <li>4. Adjust mode: manual switch, three-speed power adjustment.</li> </ol>	
<b>Visible Camera</b>	
Camera	<ol style="list-style-type: none"> <li>1. Surface: 1/2.8" Star Level CMOS, Integrated ICR Dual Filter D/N Switch;</li> <li>2. Resolution: 2 million pixels;</li> <li>3. Illumination: 0.002Lux.</li> </ol>
Lens	<ol style="list-style-type: none"> <li>1. Focal Length: 8 - 260mm, electrical optical zoom;</li> <li>2. Focusing: auto/manual focus, 3A adaptive active focusing algorithm, fast and accurate;</li> <li>3. Night-day wide spectrum: 0.4-0.75um visible broad spectrum window and 0.8-0.95um NIR narrow spectrum window with day-night independent double-pass window to improve the signal-to-noise ratio of imaging light and stray light.</li> </ol>

<b>Enhancements</b>
<ol style="list-style-type: none"> <li>1. Fog penetration function: support, enhance the image details and clarity during hazy weather;</li> <li>2. Car's plate reading: strong reflective suppression, read the plate number clearly;</li> <li>3. Glass penetration: <i>PV polarizing lens, can penetrate tinted car windows during day and night, and can clearly identify the hidden personnel in the car</i></li> </ol>
<b>Display Control</b>
<ol style="list-style-type: none"> <li>1. Panel: 4.3 inch cryogenic OLED screen</li> <li>2. Pixels: 960 x 540, RGB tricolor</li> <li>3. Keys: zooming, focusing, laser size, switch, gear adjustment, photography, video recording, playback, parameter setting (menu)</li> <li>4. Language: Support for Chinese/English</li> </ol>
<b>Storage</b>
<ol style="list-style-type: none"> <li>1. Storage medium: 32G SD card, removable;</li> <li>2. Image coding: MPEG4.</li> </ol>
<b>Power Supply</b>
Build-in rechargeable lithium batteries, standard DC12V adaptor.
<b>Housing</b>
<ol style="list-style-type: none"> <li>1. Material: Integral aluminum alloy casing, stainless steel parts;</li> <li>2. Structure: integration dual window design, ergonomic design, double-hand multiple key buttons;</li> <li>3. Window glass: 4mm microcrystalline infrared high-efficiency transparent optical glas;</li> <li>4. Surface spraying: black colour;</li> <li>5. Prevention grade: IP66</li> </ol>
<b>Interface</b>
<ol style="list-style-type: none"> <li>1. Video interface: 1-channel of PAL video output;</li> <li>2. Power supply interface: DC12V;</li> <li>3. Interface: aviation waterproof connector.</li> </ol>
<b>Power Consumption</b>



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1. Total consumption: <15W
2. Total weight: 3.6kg
3. Dimension: 255 x 214 x 97mm

## Environmental Index

1. Working temperature: - 25 ~+55;
2. Storage Temperature: -40 ~+65;
3. Humidity: <90%RH;
4. Seismic resistance: 0.2g (in accordance with GB/T15211-2013 5.4 harsh grade 2);
5. Impact resistance: 15g (in accordance with GB/T15211-2013 5.3 harsh grade 3);
6. Protection Level: IP66

1. Packing case: moisture-proof casing;
2. Cable: power cable, video cable;
3. Charger: AC220V - DC12V charger;
4. Tripod (optional).

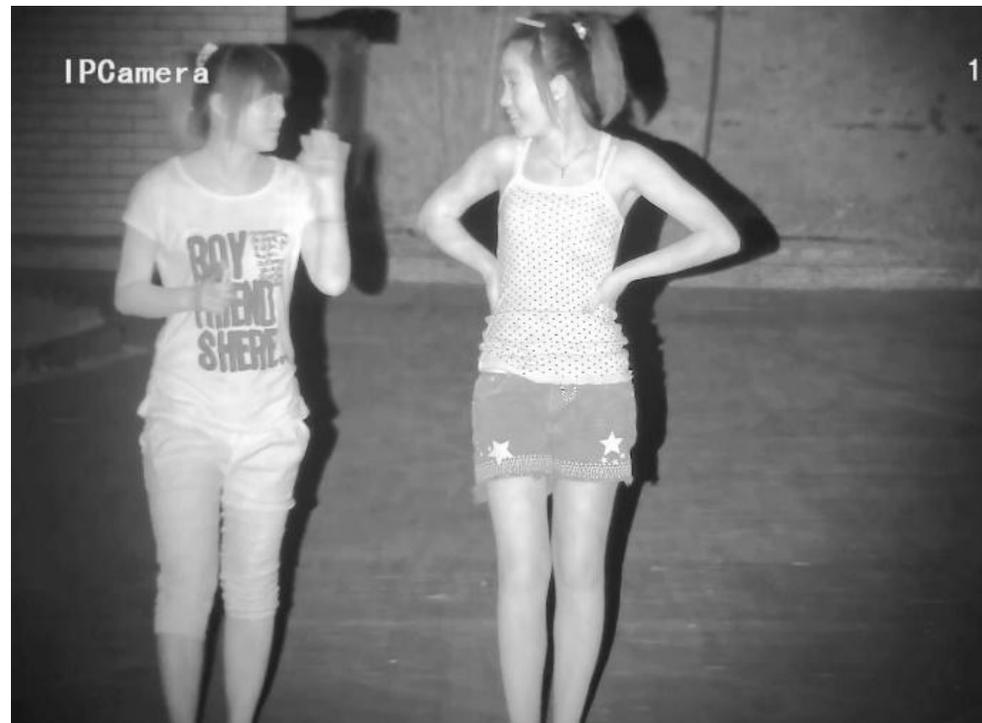
\* The detection distance is related to the object and environment etc. Please contact with us for further information.



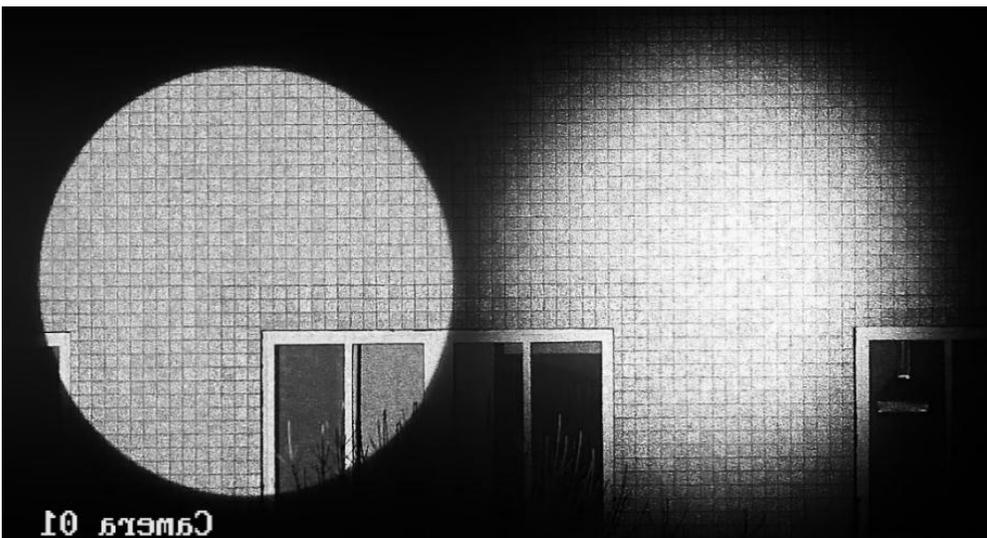


Laser Effect By Argustec Technology

Other Brands



Human Face Recognition



ArgusTec's laser effect

VS

other brands laser effect



Car window (tinted) see-through function

