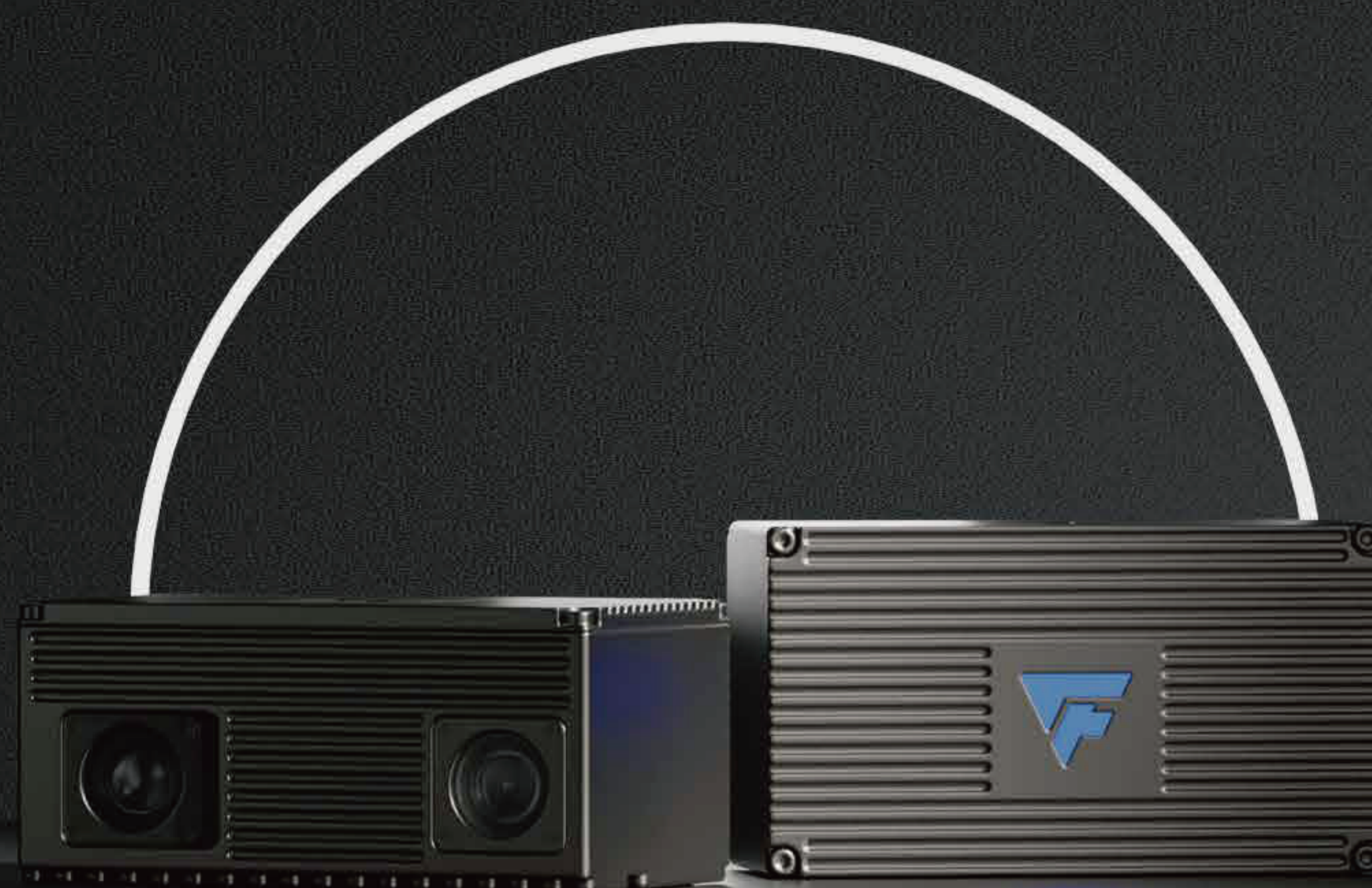




Industrial 3D Camera

# Epic Eye Pixel Mini

Monocular Structured Light Camera | Ideal for Eye-in-Hand Guidance Applications



**4.5W**

**Average Power Consumption**

Energy-Efficient, Green & High-Efficiency



**0.2s**

**Instant Capture**

Lightning-Speed Boost in Production Efficiency



**0.80KG**

**Compact Design**

Small and Flexible, Adapts to Diverse Scenarios



## Precise Recognition, Flexible Adaptation

Accurate positioning and 3D reconstruction of medium and small objects within 300–700mm.



Reliable & Stable



Easy-to-Use



Highly Versatile



Fast Capturing



Compact

# Epic Eye Pixel Mini

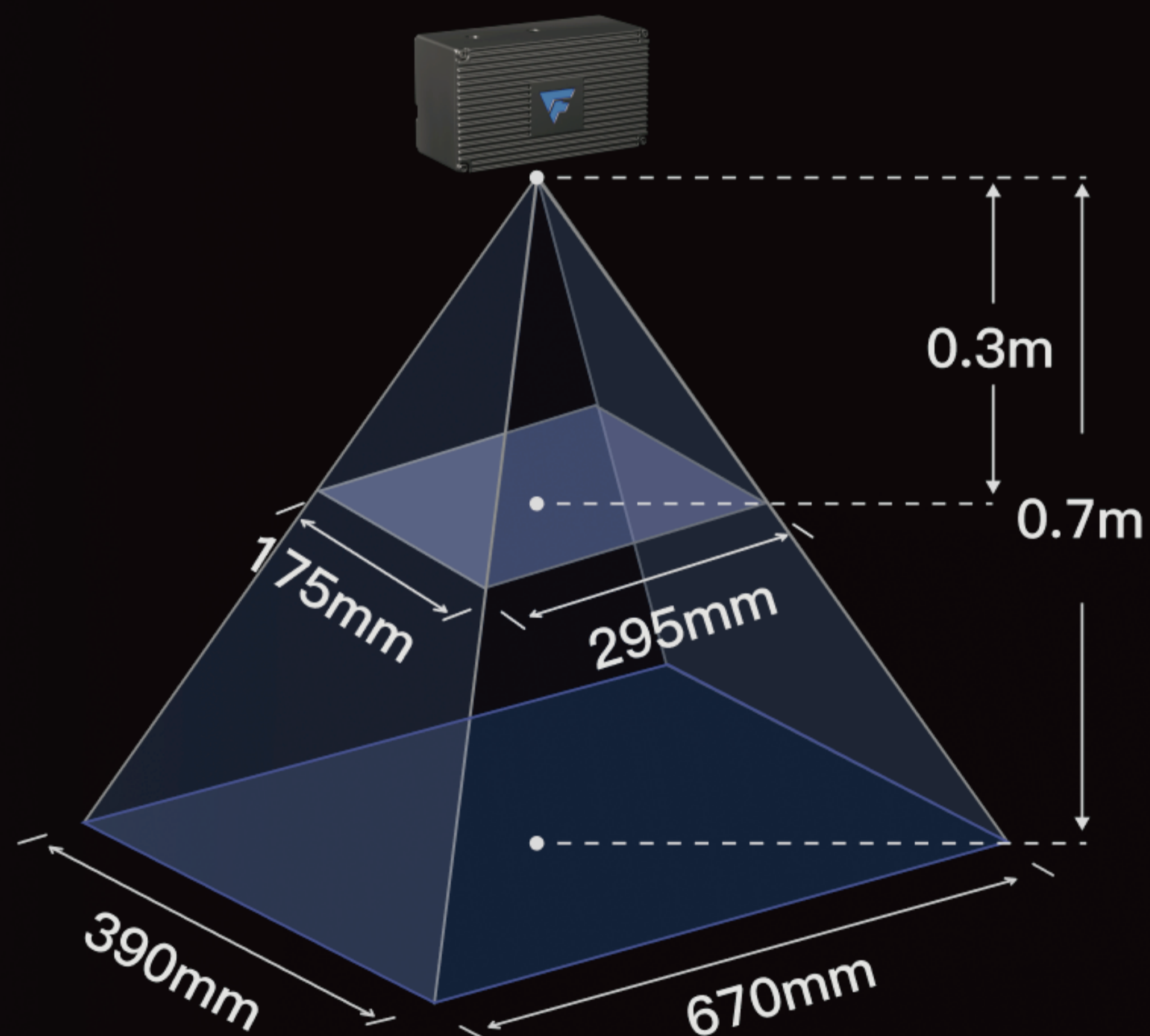
Monocular Structured Light Camera

## Point Cloud



## Working field of vision

Attention to detail, accurate imaging



## Camera Parameters

Baseline	85mm
Recommended Working Distance	300–700mm
Optimal Working Distance	500mm
Near FOV	295mm*175mm@0.3m
Far FOV	670mm*390mm@0.7m
VDI/VDE Measurement Accuracy	0.1mm@0.5m
Point Z-Value Repeatability	0.03mm@0.5m
Megapixels	2.3MP
Resolution	1920*1200
Point size near	0.14 x 0.14mm
Point size focus	0.23 x 0.23mm
Point size far	0.33 x 0.33mm
Depth resolution near	0.13mm
Depth resolution focus	0.36mm
Depth resolution far	0.70mm
Typical Capture Time	0.2s–0.7s
Power Supply	24V = 2.5A
Average Power Consumption	4.5W
Standby Power Consumption	2.5W
Dimensions (L*W*H)	130*59*73mm
Installation Method	Fixed Installation / End-Effector Installation
Communication Interface	Ethernet
Light Source	Blue LED (440nm)
Operating Temperature	0 – 50°C
Operating Humidity	20% – 90% RH Non-condensing
IP Rating	IP65
Cooling	Passive
Weight	0.8kg
Storage Temperature	–20 – 70°C
Storage Humidity	20% – 90% RH Non-condensing

**Beijing Transfer Technology Co., LTD**

Beijing Headquarters | Zhejiang Branch | Jiangsu Branch



Scan the code to learn more

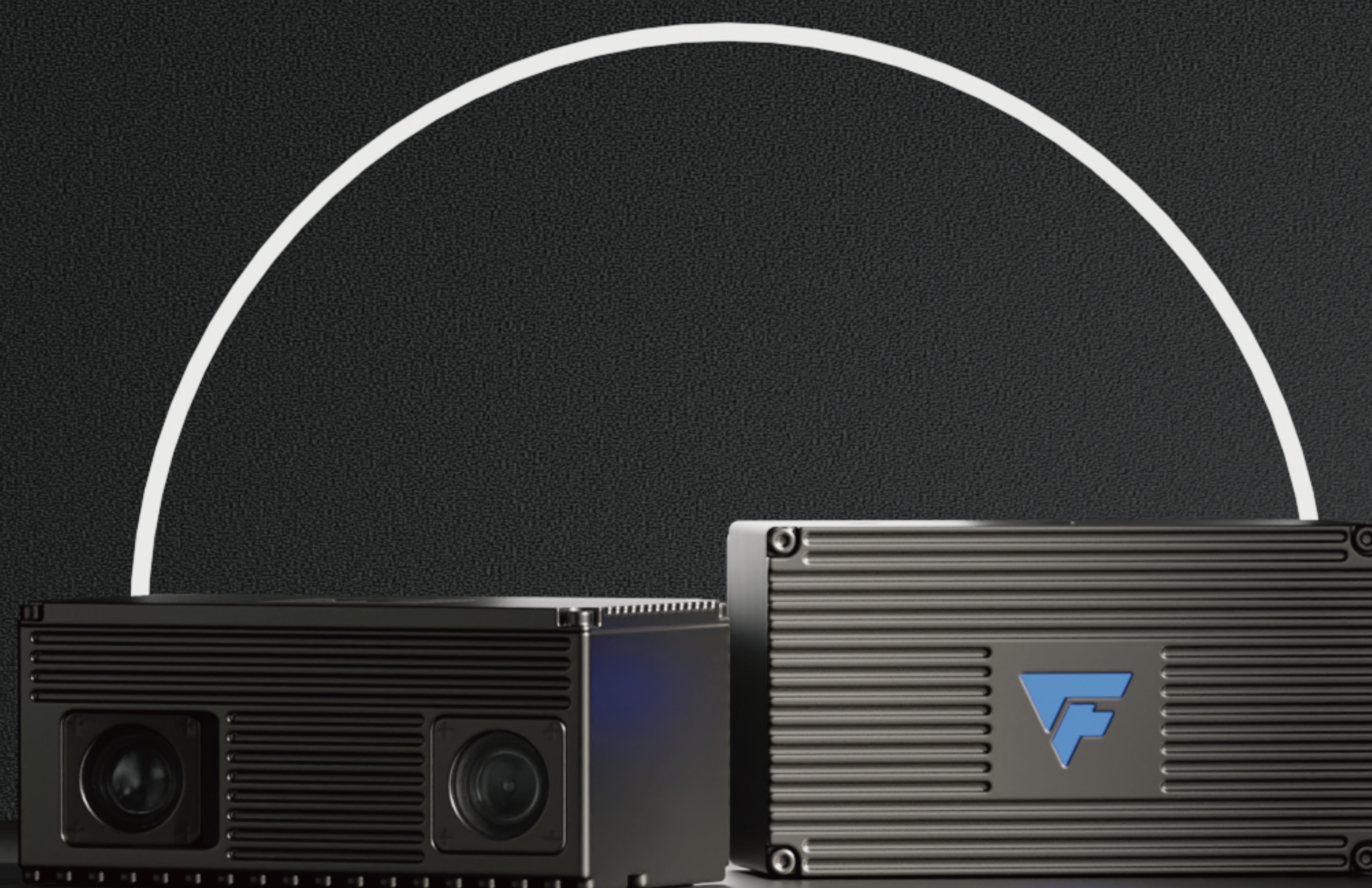
[www.transfer3d.com](http://www.transfer3d.com)  
[Marketing@qianyi.ai](mailto:Marketing@qianyi.ai)



Industrial 3D Camera

# Epic Eye Pixel Mini Color

Monocular Structured Light Camera | Ideal for Eye-in-Hand Guidance Applications



**4.5W**

**Average Power Consumption**

Energy-Efficient, Green & High-Efficiency



**0.2s**

**Instant Capture**

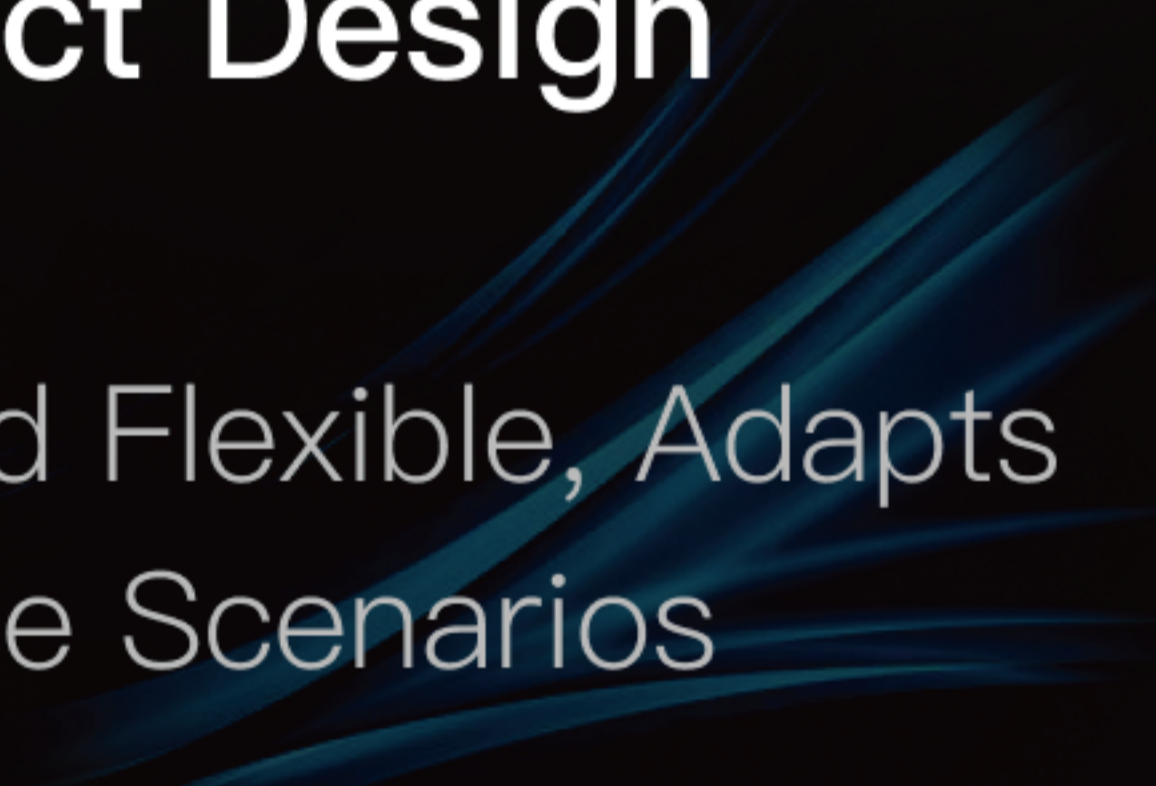
Lightning-Speed Boost in Production Efficiency



**0.80KG**

**Compact Design**

Small and Flexible, Adapts to Diverse Scenarios



## Precise Recognition, Flexible Adaptation

Accurate positioning and 3D reconstruction of medium and small objects within 300–700mm.



Reliable & Stable



Easy-to-Use



Highly Versatile



Fast Capturing

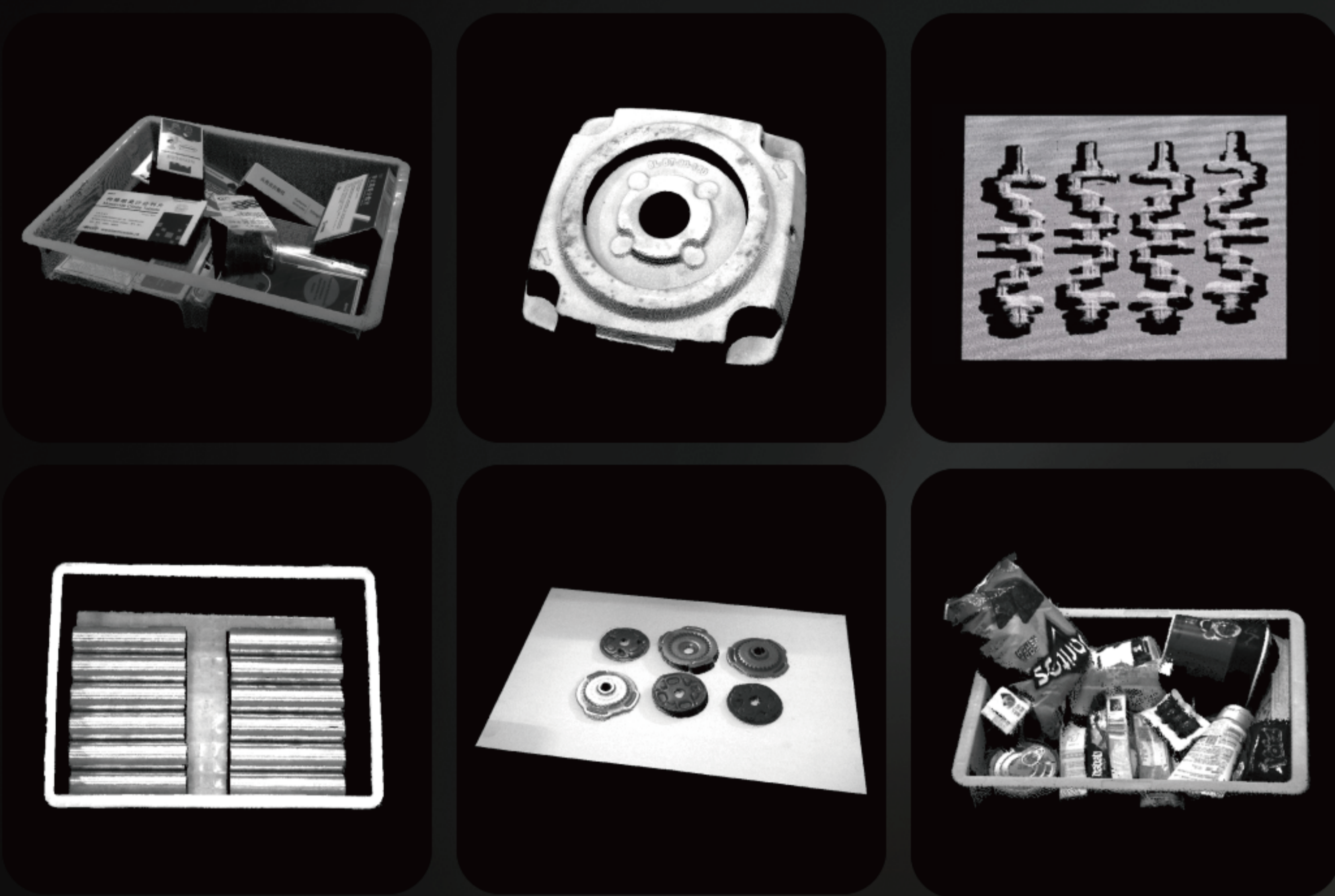


Compact

# Epic Eye Pixel Mini Color

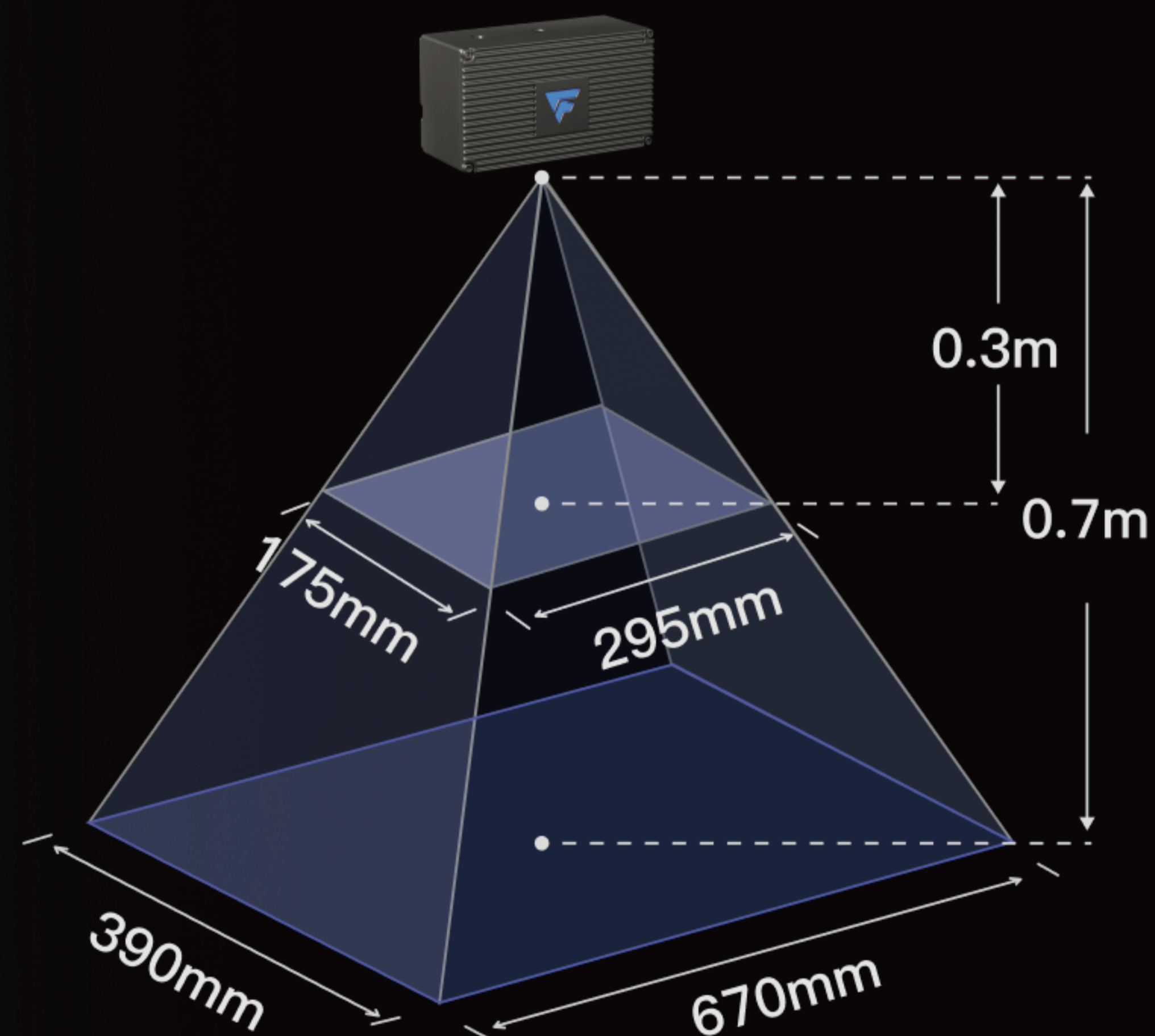
Monocular Structured Light Camera

## Point Cloud



## Working field of vision

Attention to detail, accurate imaging



## Camera Parameters

Baseline	85mm
Recommended Working Distance	300–700mm
Optimal Working Distance	500mm
Near FOV	295mm*175mm@0.3m
Far FOV	670mm*390mm@0.7m
VDI/VDE Measurement Accuracy	0.1mm@0.5m
Point Z-Value Repeatability	0.03mm@0.5m
Megapixels	2.3MP
Resolution	1920*1200
Point size near	0.14 x 0.14mm
Point size focus	0.23 x 0.23mm
Point size far	0.33 x 0.33mm
Depth resolution near	0.13mm
Depth resolution focus	0.36mm
Depth resolution far	0.70mm
Typical Capture Time	0.2s–0.7s
Power Supply	24V = 2.5A
Average Power Consumption	4.5W
Standby Power Consumption	2.5W
Dimensions (L*W*H)	130*59*73mm
Installation Method	Fixed Installation / End-Effector Installation
Communication Interface	Ethernet
Light Source/2D Camera	White LED/Color
Operating Temperature	0 – 50°C
Operating Humidity	20% – 90% RH Non-condensing
IP Rating	IP65
Cooling	Passive
Weight	0.8kg
Storage Temperature	–20 – 70°C
Storage Humidity	20% – 90% RH Non-condensing

**Beijing Transfer Technology Co., LTD**

Beijing Headquarters | Zhejiang Branch | Jiangsu Branch



Scan the code to learn more

[www.transfer3d.com](http://www.transfer3d.com)  
[Marketing@qianyi.ai](mailto:Marketing@qianyi.ai)