Epic Eye Laser L V2S

Laser Galvo Binocular Structured Light Camera

High Precision
Large FOV

Ideal for Long–Distance Industrial Production Scenes

3–Meter
Height Capture

High–Quality Point Cloud Imaging

Fearless
Black Reflective Parts

Self–developed Algorithms Solving Reconstruction Challenges

Superior HDR

Single Exposure, High–Quality Imaging for Objects with Different Brightness and Colors

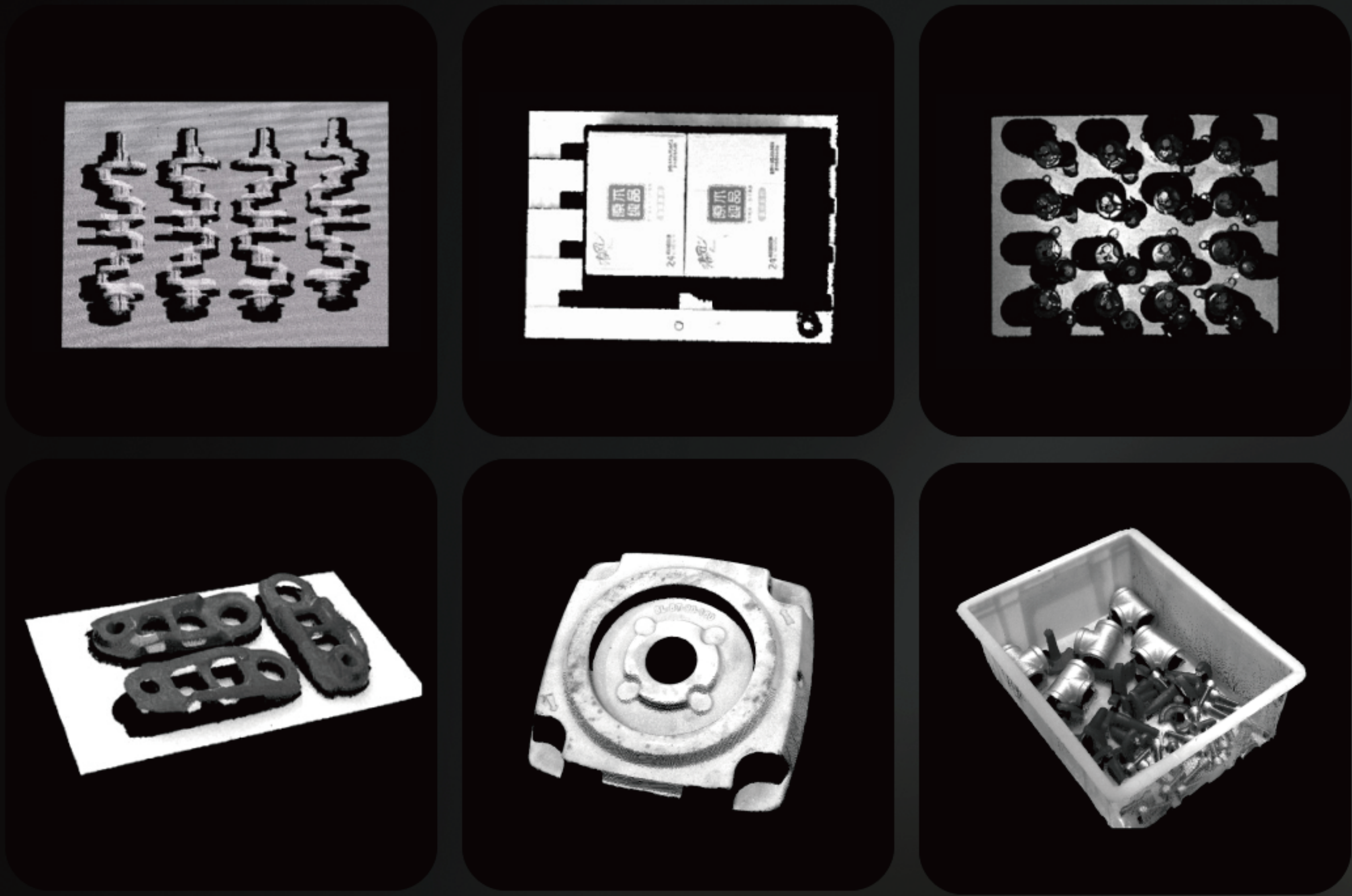Reliable & Stable   Easy–to–Use   IP 65   Stable Imaging   Laser Certification

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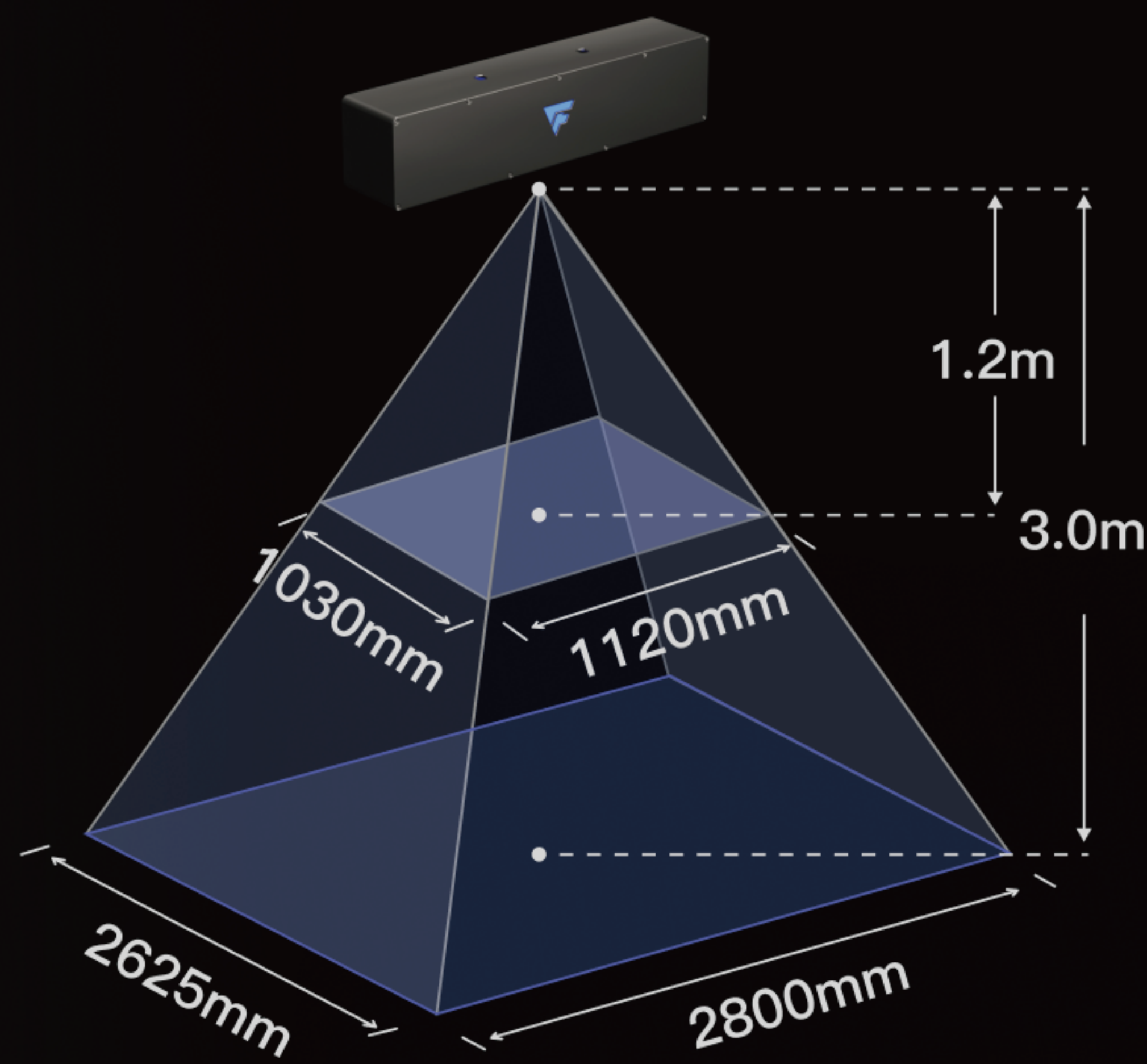
Point Cloud

See More, Do more

Ultra–Wide Working FOV

Camera Parameters

Baseline	400mm
Recommended Working Distance	1200–3000mm
Optimal Working Distance	2100mm
Near FOV	1120mm*1030mm@1.2m
Far FOV	2800mm*2625mm@3.0m
VDI/VDE Measurement Accuracy	0.32mm@2.4m
Point Z-Value Repeatability	0.15mm@2.4m
Megapixels	8.0MP、2.0MP
Resolution	1420*1420、2840*2840
Typical Capture Time	0.4s–1.4s
Power Supply	24V ⎓ 5A
Average Power Consumption	22W
Standby Power Consumption	16W
Dimensions (L*W*H)	495*115*100mm
Installation Method	Fixed Installation
Communication Interface	Ethernet
Light Source	Blue Laser (450nm)
Operating Temperature	−10 – 45℃
Operating Humidity	20% – 90% RH Non–condensing
IP Rating	IP65
Cooling	Passive
Weight	3.77kg
Storage Temperature	−20 – 70℃
Storage Humidity	20% – 90% RH Non–condensing

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