



Industrial 3D Camera

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

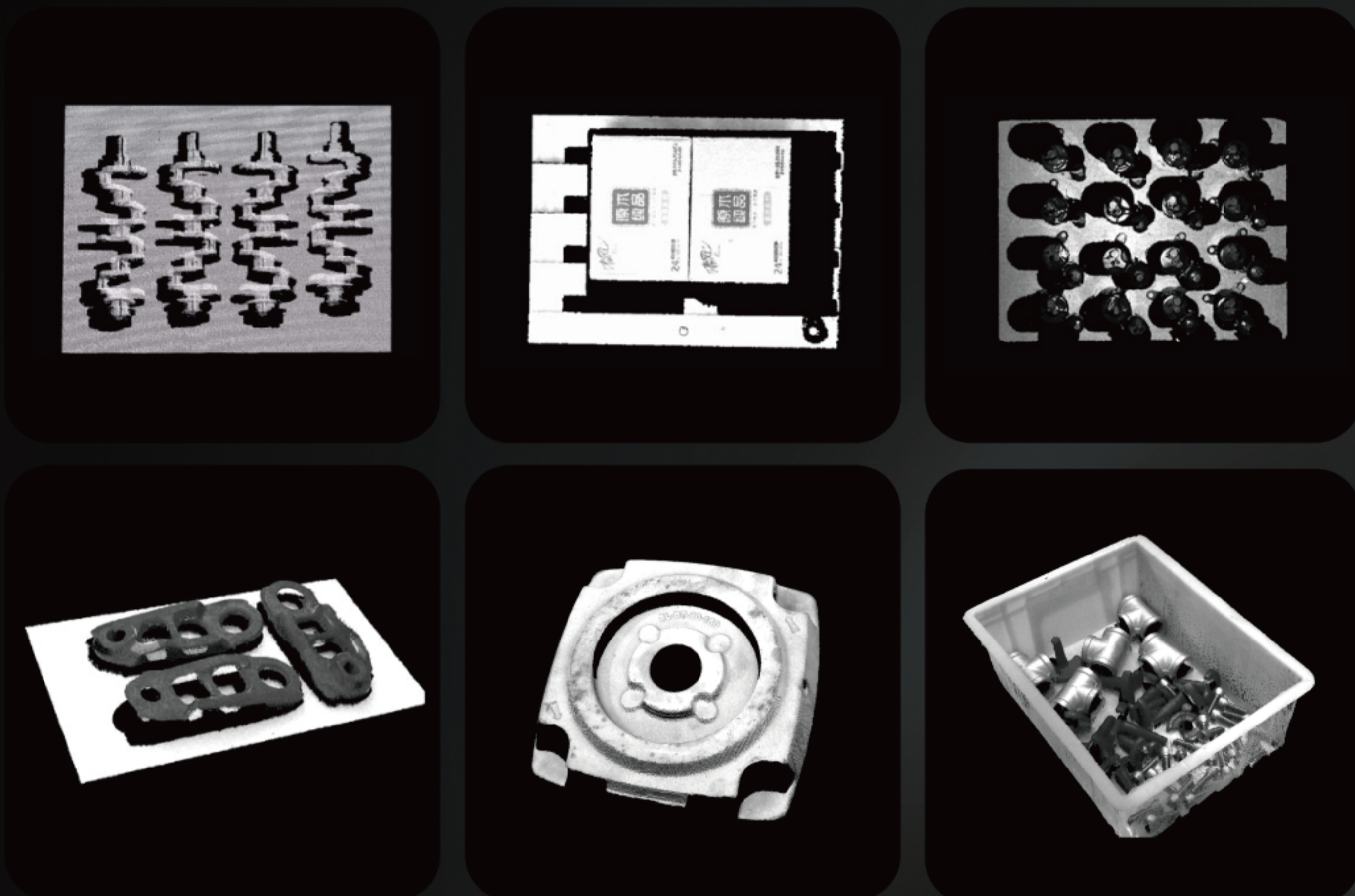


Laser Certification

Epic Eye Laser L V2S

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Point Cloud

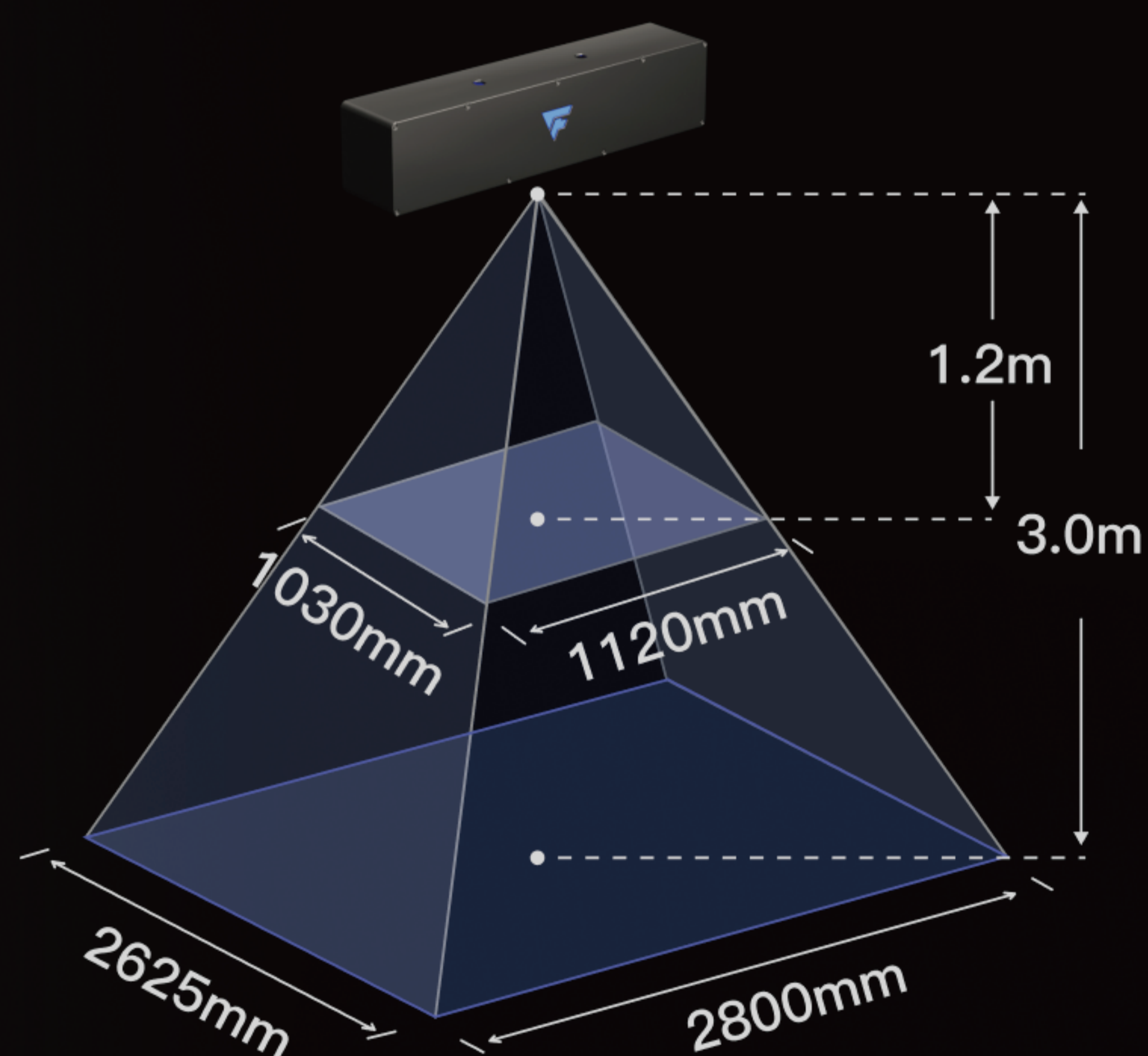


Camera Parameters

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–0.9s
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°C
Operating Humidity	20% – 90% RH Non-condensing
IP Rating	IP65
Cooling	Passive
Weight	3.77kg
Storage Temperature	-20 – 70°C
Storage Humidity	20% – 90% RH Non-condensing

See More, Do more

Ultra-Wide Working FOV



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