JT128

Mini Hyper-Hemispherical 3D Lidar

Hyper-Hemispherical Sensing
360° x 189° ultra-wide FOV

High-Resolution 3D Detection
128 vertical channels

Miniature Size
30 mm exposed window height

60 m Detection Range
10,000 m²+ detection coverage

Blockage Detection
Cover lens contamination & rain drops detection

SPECS

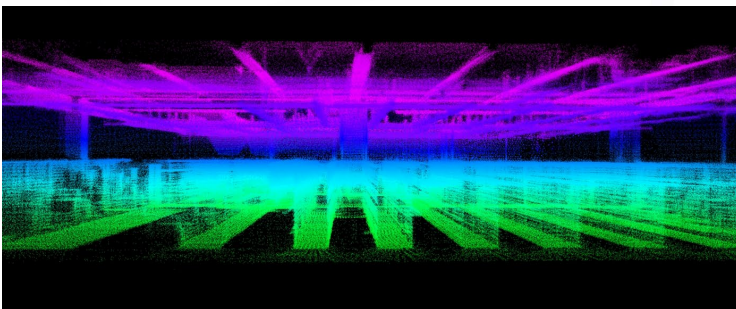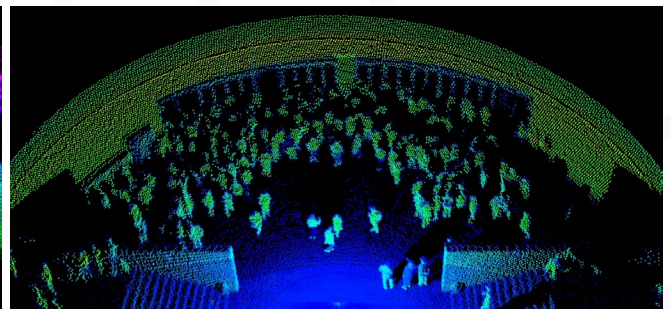| RANGING CAPABILITY	30 m @10% reflectivity, up to 60 m	DIMENSIONS (DIAMETER X HEIGHT)	Φ 60 x H 68 mm
FOV	360° (H) x 189° (V)	WEIGHT	250 g

POINT CLOUD

JT128 SLAM Performance

JT128 Live Demo

APPLICATIONS

Stationary Application

Delivery Robot

AGV/AMR

Service Robot
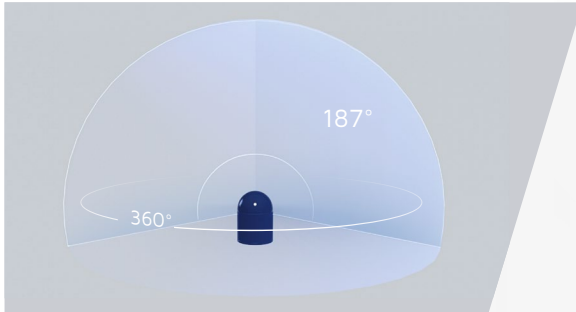
COMPACT DESIGN FOR SEAMLESS INTEGRATION

30mm
Window Height
Embedded installation

30%↓
Diameter
Compared with similar products

70%↓
Volume
Compared with similar products

WORLD'S WIDEST HYPER-HEMISPHERICAL FOV

187°
360°

360° x 189°
Ultra-wide FOV

60%↑
Wider than similar products
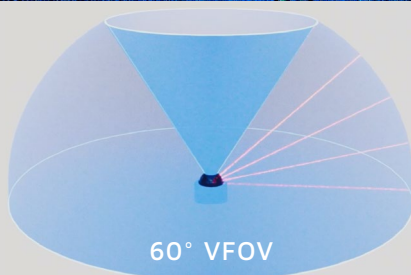
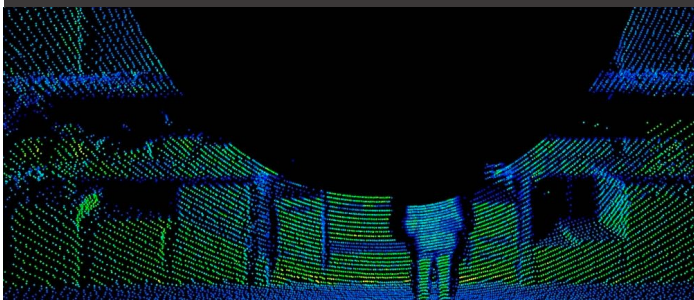## REAL-TIME COVER LENS SELF-INSPECTION

99.9%
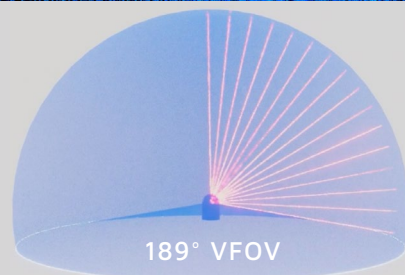Noise Filtering

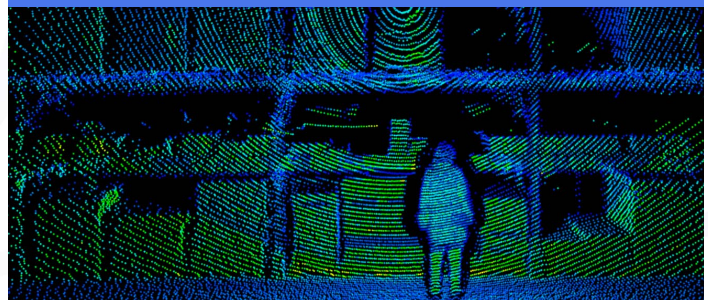- Contamination detection
- Rain drops detection

WIDER VIEW, STRONGER ENVIRONMENTAL PERCEPTION

OTHER WIDE-FOV LIDAR (WITH BLIND SPOTS)	HESAI JT128 (NO BLIND SPOTS)

60° VFOV

189° VFOV

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