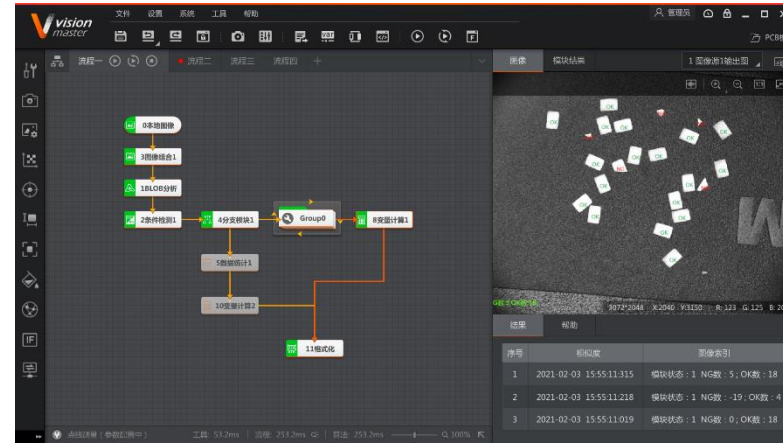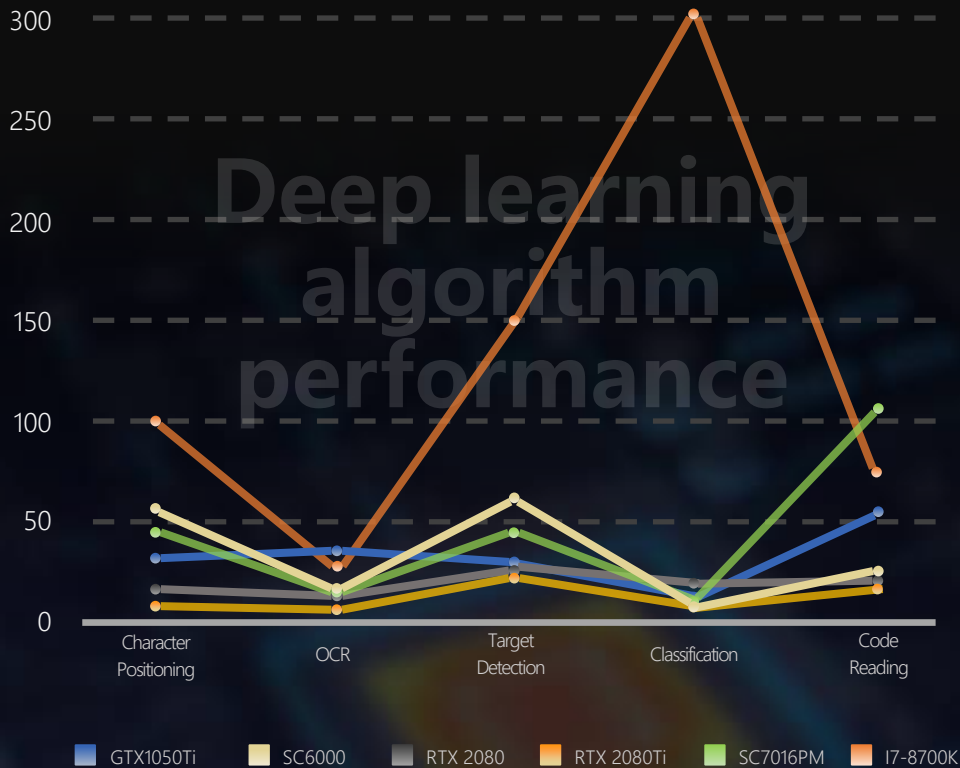# SC6000-New

HIKROBOT

SC6000

Embedded version VM built into the camera
The operation interface and method are consistent

➢ The new camera includes 1.6/5MP black and white / color series, built-in embedded version VM ;

➢ The 10th -generation CPU is paired with a graphics card-level NPU , with stronger algorithm processing performance and faster operation of the deep learning module;

➢ VM operation mode, the module is consistent with

➢ Support M -mount /C -mount lens, support external light source control;

> DL OCR : 17ms
> DL target detection: 50ms
> DL classification: 10ms
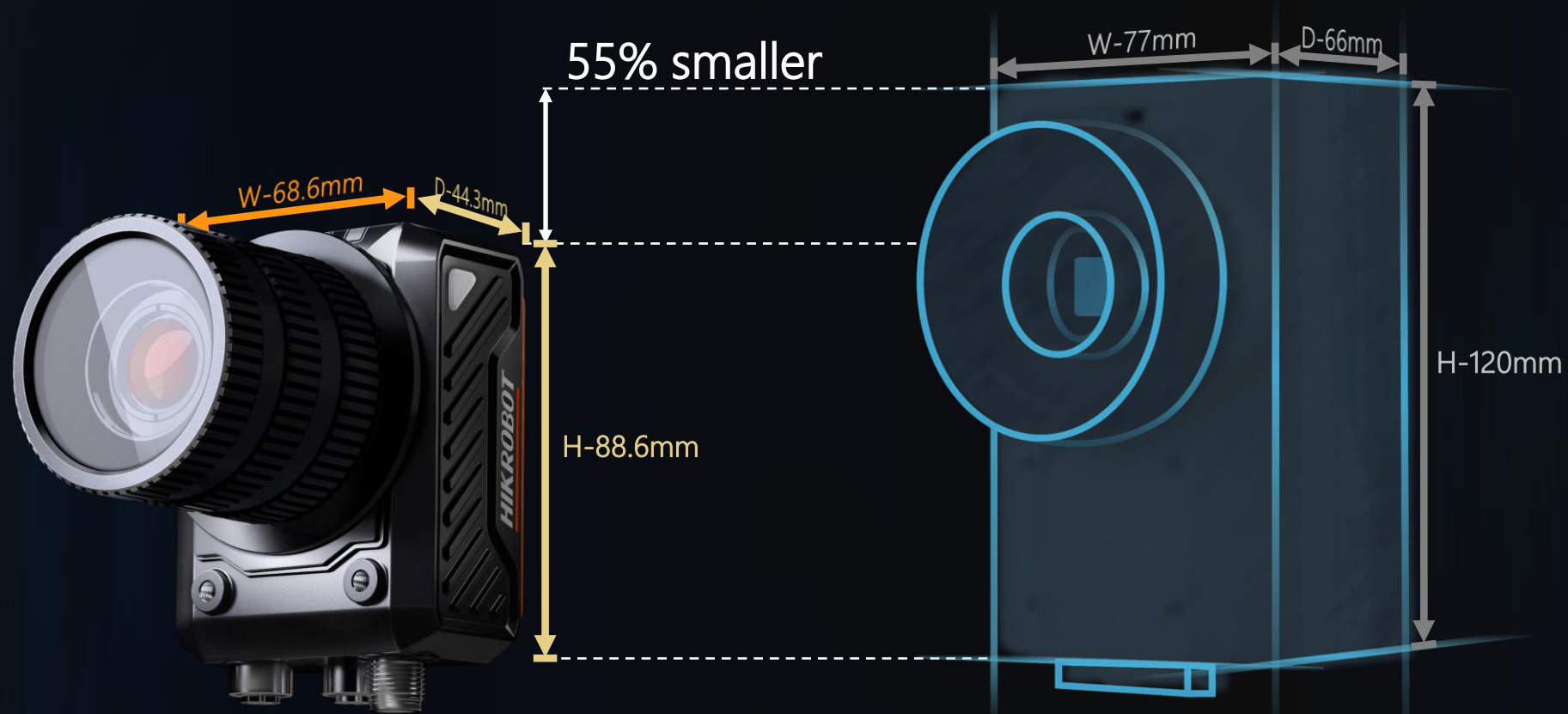> DL image segmentation /DL code reading and more modules

Outstanding performance

High performance embedded processor with 6T of computation power

Deep learning algorithm performance

	Character Positioning	OCR	Target Detection	Classification	Code Reading

Legend: GTX1050Ti · SC6000 · RTX 2080 · RTX 2080Ti · SC7016PM · I7-8700K

Compact size, excellent heat dissipation

The SC6000 has been developed and designed for power consumption and heat dissipation, while providing powerful processing power, resulting in a smaller size and lower temperature rise.

55% smaller

W-77mm
D-66mm
H-120mm

W-68.6mm
D-44.3mm
H-88.6mm

Rich algorithms, easy to use and flexible

Built-in VM algorithm development platform, including more than 140 algorithm tools, graphical interaction, process-oriented operation, easy to use.
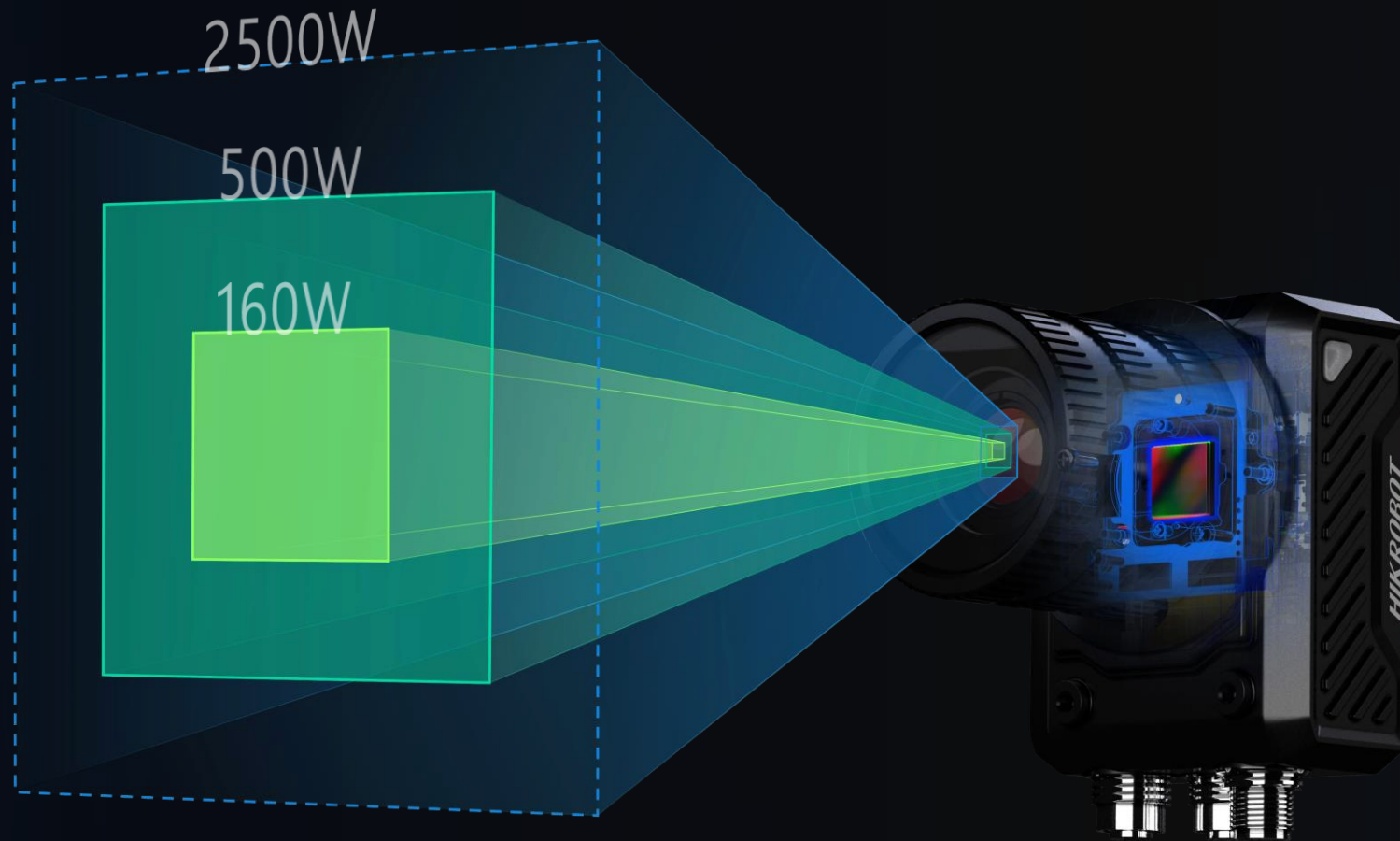
Interfaces Abundant, Breaking Limits

Support for external light sources and drivers, extended USB (mouse, keyboard) and display for easy display and management
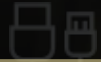

Network cable

Network, serial or IO cable

HDMI or VGA cable

Light source connection cable

Multiple resolutions available

Flexible setting of ROI to meet the resolution needs of different scenes

2500W

500W

160W

HIKROBOT

3C

- Positioning and assembly
- Inspection of external defects
- Components Information Reading
- Dispensing guidance and inspection

Car manufacturing

- Robotic arm positioning guidance
- Automatic assembly
- Materials Identification

Food and medicine packaging

- Product classification
- Date of manufacture identification
- Production lot number identification

New Energy

- Crack Inspection
- Tab Inspection
- Dimensional measurement
- Positioning crawl
- Edge-break detection
- Surface inspection

Logistics

- Code Reading and Tracing
- Parcel classification
- Leaflet identification
- Barcode reading
- Parcel volume measuremen

Other

- Textile defect detection
- Printing Inspection
- Tobacco Classification & Grading