Spare Parts

N2 Second-Generation Image Intensifier Miniature High-Voltage Power Supply

Input Voltage Range： 2.5V ~ 3.2V

Operating Current Range： ≤ 35mA @ Vin = 3V

Cathode Start Voltage (100MΩ)： -200V ~ -160V

Cathode Shutdown Voltage (100MΩ)： 0 ~ 3.0V

MCP Pre-Set Voltage： 815V ~ 845V

MCP Dynamic Range (100MΩ)： 450V ~ 980V

Screen Voltage (50GΩ)： 5800V ~ 6600V

Height： 11.4mm ~ 12.0mm

Weight： ≤ 17g

Output Wire Length： 150mm ~ 200mm

Operating Temperature： -55° C ~ +55° C

Storage Temperature： -55° C ~ +70° C

Spare Parts

N4 / N6 / N8 Third-Generation Image Intensifier Miniature High-Voltage Power Supply

Input Voltage Range： 2.5V ~ 3.2V

Operating Current Range： ≤ N4： -400V ~ -360V ; N6： -590V ~ -550V ; N8： -800V ~ -760V

Cathode Start Voltage (100MΩ)： -200V ~ -160V

Cathode Shutdown Voltage (100MΩ)： 0 ~ 3.0V

MCP Pre-Set Voltage： 815V ~ 845V

MCP Dynamic Range (100MΩ)： 450V ~ 980V

Screen Voltage (50GΩ)： 5800V ~ 6600V

Height： 11.4mm ~ 12.0mm

Weight： ≤ 17g

Output Wire Length： 150mm ~ 200mm

Operating Temperature： -55° C ~ +55° C

Storage Temperature： -55° C ~ +70° C

Spare Parts

NV OB 26mm F/1.25 Low-Light Night Vision Objective Lens Assembly

Focal Length (EFL)： 26 mm

F-Number (F/#)： 1.25

Spectral Range： 600 nm ~ 1100 nm

Transmittance： ≥ 94%

Optical Total Length： 34 mm

Optical Distortion： < 3%

Field of View (FOV)： 40° ± 2°

External Dimensions： Ø36 mm × 37 mm

Weight： ≤ 35 g

Back Focal Length (BFL)： 8.6 mm

Operating Temperature： -40° C ~ +60° C

Storage Temperature： -55° C ~ +70° C

Protection Rating： IP67

Spare Parts

NV EP 26mm -6D~+2D Low-Light Night Vision Eyepiece Assembly

Focal Length (EFL)： 26 mm

Eye Relief： 25mm

Exit Pupil Diameter： 19mm

Spectral Range： 486 nm ~ 656 nm

Transmittance： ≥ 94%

Optical Total Length： 34 mm

Optical Distortion： < 3%

Diopter Range & Field of View (FOV)： -6D ~ +2D   40° ± 2°

External Dimensions： Ø47.5 mm × 30 mm

Weight： ≤ 50 g

Operating Temperature： -40° C ~ +60° C

Storage Temperature： -55° C ~ +70° C

Protection Rating： IP67

Spare Parts
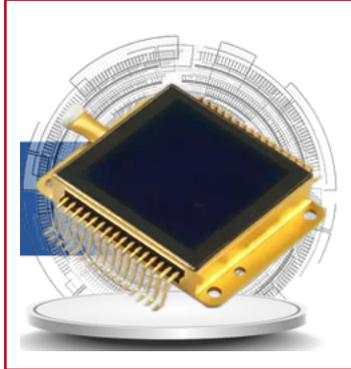
Uncooled Focal Plane Array Infrared Detector

Infrared Resolution：640 × 512 @ 12 μm / 17 μm

Super Resolution：1280 × 960

Wavelength Range：7 μm ~ 14 μm

Thermal Sensitivity (NETD)：≤ 23 mK @ 30 ° C

Field of View (FOV)：20.8° × 16.6°

Spatial Resolution (IFOV)：0.6 mrad

Digital Zoom：1× ~ 16× continuous zoom (manual)

Display：4.3-inch touchscreen display

Image Modes：Infrared / Visible / PIP / Multi-spectral fusion

Color Palettes：12 types (Iron Red / Rainbow / White Hot / Black Hot, etc.)

Temperature Measurement Range：-20 ° C ~ 650 ° C

Accuracy：0 ~ 100 ° C @ ±1 ° C > 100 ° C / < 0 ° C @ ±2 ° C

Emissivity Correction：Supported; on-screen display

Laser Range Finder：Supported

Data Interfaces：Type-C / TF / HDMI / Bluetooth / Wi-Fi

Battery Type & Working Time：Lithium battery (replaceable); charging ≈ 4 h

Weight：< 950 g

Operating Temperature：-40 ° C ~ +50 ° C

Protection Rating：IP54

Spare Parts

Ground Control Station for Unmanned Ground Vehicle

Operating Frequency：2.4 GHz & 5.8 GHz (dual-band)

Chipset：Pengpai S1 (Surge S1)

Operating System：Android

Effective Signal Range：≈ 10 km (without electromagnetic interference)

Video Output / Interfaces：HDMI / WLAN

Built-in Battery：7.4 V, 20,000 mAh Li-Po (2S)

Endurance / Working Time：20 hours

Display：7-inch touchscreen, 1920 × 1200 resolution

Brightness：2000 cd/m²

Storage Card：Supports up to 128 GB

Integrated UI / Operation Page：Flight/vehicle parameters integrated into one page (single-pane operation)

Image/map layers can be switched freely

Voice Broadcast：Supports adjustable real-time voice announcements

Spare Parts

<div align="center">Reconnaissance and Targeting Pod</div>

Visible Light	10× optical zoom lens
	1/2.8" CMOS sensor
	4 million pixels
	Supports 1080P HD photo and video recording
	35 mm lens
Thermal Imaging (Optional)	640 × 512
	Equipped with 1500 m laser rangefinding module
	Supports human/vehicle recognition and target positioning
	Supports target tracking
	Supports IR illumination
	Supports laser indication

Spare Parts

<div align="center">Four-in-One Integration</div>

Two-way intercom + Searchlight + Flash warning light + Front and rear HD cameras

Saves space, reduces cost, and minimizes the number of devices required

All functions work together — for example, the searchlight assists night photography, while the warning light enhances on-site alerts

Unified control simplifies operation and streamlines workflow.

Suitable for various scenarios such as law enforcement, security, and rescue missions, enhancing task adaptability

<div align="center">38mm-6 Electric-Triggered Smoke Launcher</div>

Dimensions： 150mm × 123mm × 158 mm

Total Weight： 0.93 kg

Material： POM steel, aerospace aluminum, carbon fiber, stainless steel

Mounting Method： Quick-detach type

Launch Method： Electric ignition

Caliber： 38 mm (recoil force 1–2 kg)

Range： 80 m

**Loading Capacity：** 6 rounds

Spare Parts

YC-10KG Transport Box

Dimensions： 400 mm × 300 mm × 300 mm

Single Lift Capacity： 10–20 kg

Effective Range： Matches unmanned aerial vehicle (UAV) system parameters

Weight： 1.5 kg

Power Supply Voltage： 12–60 V

Operating Temperature： –30° C ~ +60° C

Mounting Method： Quick-detach type

Flamethrower Module

This module is equipped with a quick-swap structure

It is mounted on four flip-over connectors located on the carrier plate

Through clamping and screw fastening, the payload can be quickly attached or detached, achieving two-minute installation and removal

The remote control is adjustable and simple to operate

It is mainly used in scenarios such as power grid fault clearing

Spare Parts
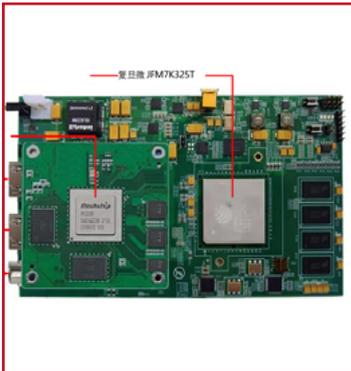
Multi-Target Video Processing Board

Infrared Video： 640 × 512 @ 25 Hz

HDMI Input： 1920 × 1080 @ 60 Hz

HDMI Output： 1920 × 1080 @ 60 Hz

YOLO V5 Processing： ≥ 25 frames/second

Operating Temperature： -40° C ~ +85° C

Storage Temperature： -55° C ~ +125° C

Intelligent Recognition Core Module

AI Computing Power： 275 TOPS (INT8) / 5.2 TFLOPS (FP32)

Power Consumption： 15–60 W (typical) / 75 W (peak)

Video Stream Resolution： 2464 × 2064 @ 81 fps (color)

Detection Capability： Missed detection rate ≤ 5%

Detection Range： ≥ 0.5 km (for small UAV targets)

Operating Temperature： -40° C ~ +65° C

Interface Protocol： MIPI direct output

Dimensions： 260 × 150 × 80 mm³ (including housing, core module size only)

Spare Parts
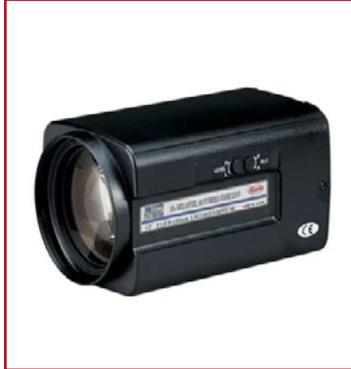
Lens — KOWA LMZ0812AMPDC-IR

Focal Length： 8–120 mm

Aperture： F = 1.8 ~ 360

Alvium 1800 C-510C Camera

Sensor： Sony IMX548 1/1.8" Sensor

Resolution： 2464 × 2064

Maximum Frame Rate： 81 fps

Interface： MIPI CSI-2 Interface

Power Consumption： 2.8 W (typical)

Spare Parts
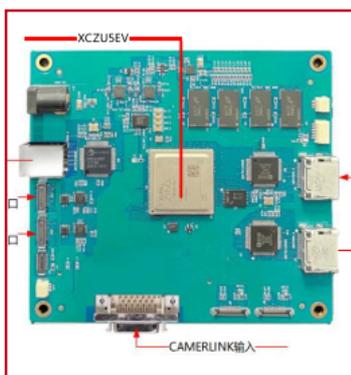

Automatic Gimbal FY-SP1510

Maximum Payload： 10 kg

Repositioning Accuracy： ±0.1°

Pan Range： 0° ~ 360° continuous rotation

Tilt Range： -60° ~ +60°

Protection Rating： IP67

Power Consumption： Maximum 30 W

Target Tracking Module

Infrared Video： 640 × 512 @ 50 Hz

Low-Light Video： 1024 × 768 @ 50 Hz

HDMI Input： 1920 × 1080 @ 60 Hz

HDMI Output： 1920 × 1080 @ 60 Hz

YOLO V5 Processing： ≥ 25 frames/second

Operating Temperature： -40° C ~ +85° C

Storage Temperature： -55° C ~ +125° C

Spare Parts

95-1/191/192 Controller

Overall Dimensions: 300mm×200mm×200mm

Net Weight of Controller: 3.4KG

Material: Aviation Aluminum (with special hardening treatment), Stainless Steel

Activation Method: Automatic rebound-type manual brushless servo activation

Equipped with trigger overcurrent protection

Installation Method: Quick-release four-point positioning, quick-release installation

Observation and Aiming Distance: 1000m

Linkage Method: Dual linkage of heading and pitch

Green Dot Laser: 500m (effective distance)

Night Vision Fill Light: 100m (effective distance)

Laser Ranging: Maximum 1000 meters

Spare Parts

V54/ENGINE 654 | V55/ENGINE 655

V46-5M/ENGINE Б46-5M | V46-6/ENGINE Б46-6

UTD-20/ENGINE УТД-20

UTD-29/ENGINE УТД-29
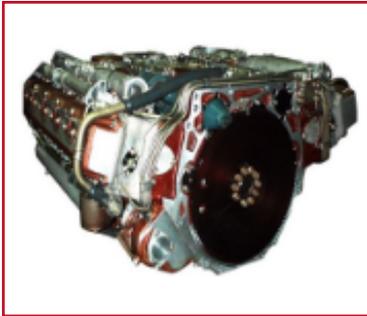
V6M-1/ENGINE В6М-1

54.02.1sb6-6b 155.02.1sb-n/Water radiator

Spare Parts

54. 02.10sb-1A / Water Filling Port Cover

54.02.2sb6-4A / Fan

54.41SB-1A

54.02.12sb-6 / Heater Power Switch
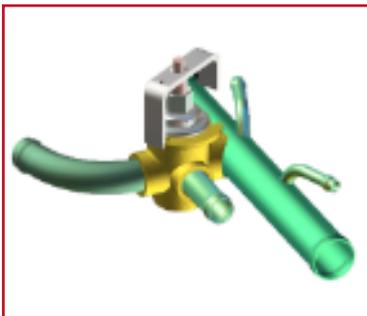
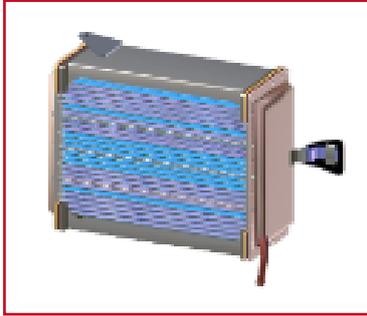**54.02.90sb-5 / Drain Switch | 155.02.90sb-5 / Drain Switch**
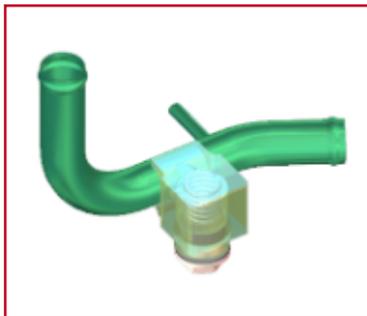
54.03.1sb-9A / Oil Tank

Spare Parts

54.03.2sb-1 / Pressure Regulating Valve

54.03.4sb-3/Oil radiator

54.03.27sb / Oil Tank Filler Port Filter Screen

MNZ-2 / Oil Pump | MNZ-3 / Oil Pump

765-03-sb161

765-03-sb162
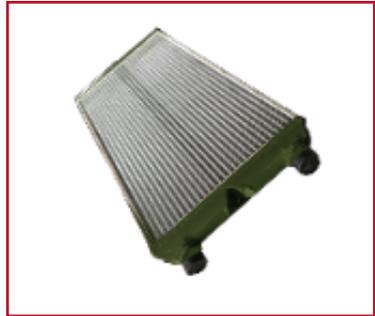
Spare Parts

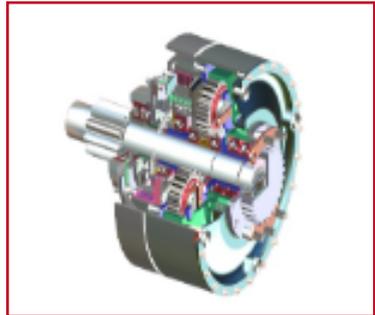**765-03-sb178**

BCN-1

54-07SB-2Г/Main clutch

54-08-SB-1/Transmission box
155-08-SB-B/Transmission box
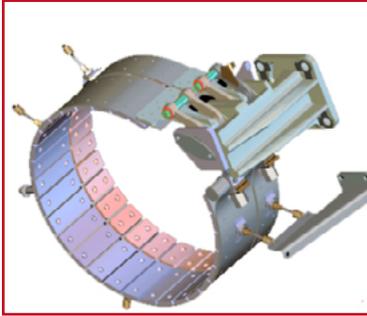

765-SB117/Transmission shafting

54-09SB/Steering mechanism
155-09SB/Steering mechanism

Spare Parts

54-10SB1/Brake

765-15-sb 130/Right side transmission gearing | 765-15-sb 131/Left side transmission gearing

54-40SB-4A/Transmission box

54-16-8SB/LEFT FINAL DRIVE | 54-16-9SB/RIGHT FINAL DRIVE | 155-16-16SB/LEFT FINAL DRIVE | 155-16-17SB-Б/RIGHT FINAL DRIVE

Spare Parts

613.44.22SB-Д1 | 613.44.16c6-2A

613.44.058

765-35-SB102

54.11SB-4Г | 54.11SB-4Г

54.44.023-2A | 54.44.023-2Б

172.53SB-3 | 765-34-SB101

Spare Parts

54.44.004-13E | 54.44.004-13Г

54.11.007-4A | 613.11.001-5 | 613.11.002-5 | 175.54.004-3

54.15.003-5A | 54.15.003-5B | 175.56.008SB-1

765.33.SB 120 | 765.33.SB 121 | 765.33.SB 139 | 765.33.SB 140

Spare Parts

765-31-SB115

175.51.002-4 | 175.51.003-3 | 175.51.004-4 | 175.51.005-3

54.12.1SB-A

54.12. 003- 4A | 172.51.016-1 | 765.33.SB127-L | 765.33.SB127-R
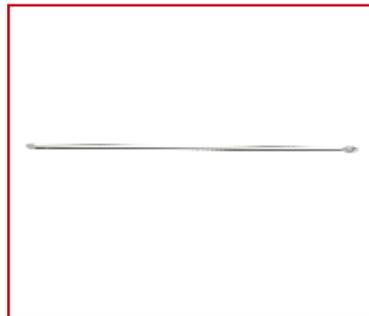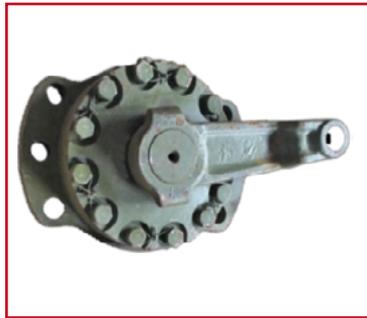
Spare Parts

54.12.10SB-4/155.12.3SB

KN-80H/13.00-18(340-457) | 1500×600-635 | 14.00R20 | 8.25R20

765-33-SB 101

54.14. 4 c6-4B LEFT 1ST& 5RD SHOCK ABSORBER | 54.14. 5 c6-5B RIGHT 1ST& 5RD SHOCK ABSORBER

Spare Parts

172.50.001SB-A | 172.50.002SB-A

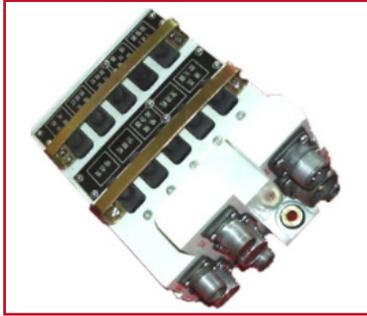765-32-SB116 HYDRAULIC SHOCK ABSORBER

54.34SB.-5 | 155.34SB-A

172.52.043SB-1 172-2M.52.001SB LEFT 1ST, 2ND & 6RD SHOCK ABSORBER 172.52.044SB-1 172-2M.52.002SB RIGHT 1ST, 2ND & 6RD SHOCK ABSORBER
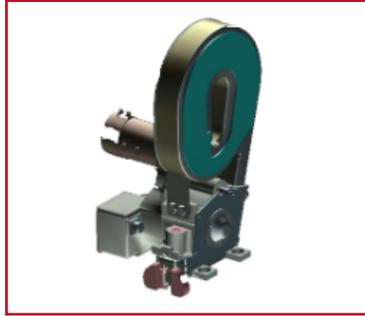
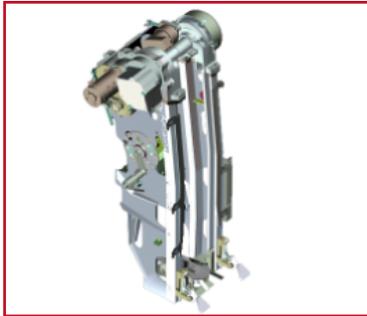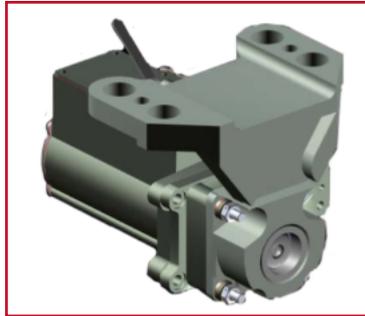## Spare Parts

175.71.012SB | 175.71.013SB

172.26c6-2

172.27.001c6-3

172.28.003c6-2A

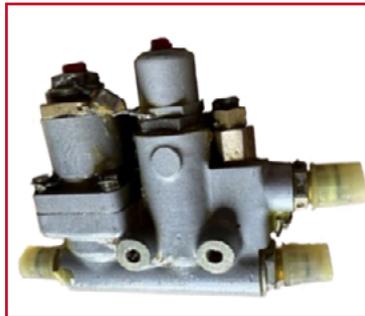**175.29.001c6-2**

155.38.10c6-2B Oil and water trap

Spare Parts

155.38.14c6 611-150-K-TU Reducing valve IL611-150-70K

155.38.31c6 STU/ADU2S Automatic of filling

54.38.021-Б Air bottle

155.38.057/ЭК-48 765-7B-sb 780 Electro-pneumatic valve

155.38.82c6 TU-218-K Air filter 218-K

AK-150C AK-150S AK-150M-01 Compressor

Spare Parts

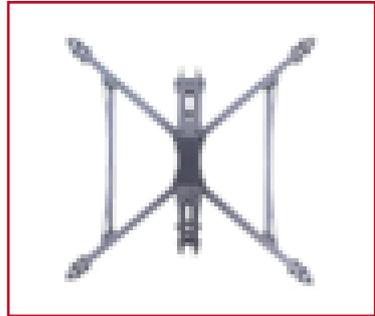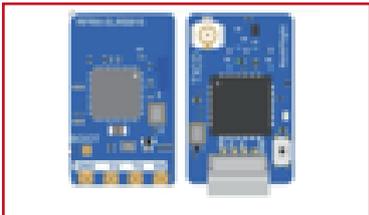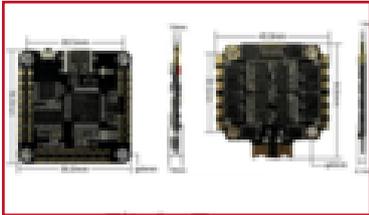| 765-7B-sb 412 Manometer	TU 669.300M-14-K Reducer 669. 300M-14-K	54.124.SB SIGNAL SHIELDER
155. 59. 536 516.000 TU Thermo-catcher TD-1	KR 40.000 TU Relay box KR-40	7in frame | 8in frame | 10in frame 13in frame | 15in frame

Spare Parts

RFRX-ELRS915: 915MHz 915MHz receiver

RFRX-ELRS24: 2.4GHz 2.4GHz receiver

RFFS-F405-50A: FCF405+ESC50A

RFFS-F405-60A: FCF405+ESC60A

FCF405+ESC60A: FCF405+ESC60A

RFCAM-Classic: Standard

RFCAM-Night: Nightlight

Spare Parts

RFCAM-infrared256：Infrared

RFCAM-infrared384：Infrared

RFCAM-infrared640：Infrared

RFVTX-3340：3.3G 4W

RFVTX-5816：5.8G 1.6W

RFVTX-5825：5.8G 2.5W

RFVTX-5840：5.8G 4W

RFVTX-6420：6.4G 2.5W

RFANT-583DBi：5.8G

Spare Parts

7in motor：2807/1300kv

8in motor：2812/1100kv

10in motor：3115/900kv

13in motor：4214/380kv

15in motor：4218/330kv

7in blade：7040

8in blade：8040

10in blade：1050

13in blade：1308

15in blade：1507

Spare Parts

Power Bank

Capacity：307Wh

USBA：18W*1

Type-C：60W*1 30W*1

DC5521：12V/10A*2

Car charge port：12V/10A*1

AC output：300W*2 110V/230V

Size：240*185*138mm

Net Weight：3.9Kg

Power Bank

Capacity：2160Wh

USBA：18W*2

Type-C：100W*1 20W*3

DC5521：12V/3A*2

Car charge port：12V/10A*1

AC output：2400W*6 110V/230V

Size：443*285*340mm

Net Weight：20.3Kg