

*Company Profile*  
*Provide Comfort to Your Future*



<https://www.sankin-net.com/>



<https://www.shoban.co.jp/>



# Company Profile



**Company name :** Sankin Co., Ltd.

**L o c a t i o n :** ( Head Office ) 8F Naniwasuji Chuo Building, 2-2-2  
Nishihonmachi, Nishi-ku, Osaka City, Osaka  
( Sanda Office ) 4-2-24 Miwa, Sanda City, Hyogo

**T e l / F a x :** TEL: +81(0)6-6531-4665/FAX: +81(0)6-6531-4661

**Established :** November 21, 1953

**P r e s i d e n t :** Kenichi Takagi

**C a p i t a l :** 90 million yen

**U R L :** <https://www.sankin-net.com>

**Description of Business :**

- ◆ Sales of Electronic components and units, Precision metal parts, Resin molded products, Special materials, Secondary batteries, and Robot arms
- ◆ Design, development and manufacturing contract services ( OEM/ODM )
- ◆ Semiconductor test equipment sales

**Business Area :** Japan, China, Taiwan, Malaysia, Thailand, Vietnam, Mexico

**E m p l o y e e s :** 20

## Business History

March 1953	Started selling products from Nippon Oil-containing Alloys and Nippon Mining	January 2010	Started export business to Thailand
November 1953	Incorporation	June 2012	Started trading with local Vietnamese manufacturers and started import business
August 1963	Started sales of electronic heating and cooling devices for Hayakawa Electric (now Sharp)	March 2017	Started Import business from Taiwan
October 1966	Started selling Sanwa Needle Bearing's microshafts	December 2019	Started export business to Malaysia
August 2000	Started export business to Mexico	October 2020	Started to provide one-stop solution services
March 2004	Obtained ISO14001 certification	September 2023	Started handling ABOV's "microcomputers" and Hirata's "rubber products, etc."
October 2005	Started export business to Germany	October 2023	Started handling AUBO's "collaborative robots"
April 2007	Obtained ISO9001 certification	December 2024	Acquired Showa Bankin Kosakujo as a group company

## subsidiary



**Company name :** Showa Bankin Kosakujo Co., Ltd.

**L o c a t i o n :** 336 Hirai, Naka-ku, Sakai City, Osaka

**T e l / F a x :** TEL: +81(0)72-278-3421/FAX: +81(0)72-277-6299

**F o u n d e d :** April 1955 ( Established April 26, 1990 )

**P r e s i d e n t :** Kenichi Takagi

**C a p i t a l :** 10 million yen

**U R L :** <https://www.shoban.co.jp/>

**Description of Business :** Sheet metal processing industry

**E m p l o y e e s :** 27

## ISO

( ISO9001/14001 certified )



## SDGs



We support the Sustainable Development Goals ( SDGs ) advocated by the United Nations and will take proactive steps toward realizing a sustainable society.  
"With a spirit of innovation and creativity, we will strive to become an indispensable presence both at home and abroad."



# Strengths of Sankin Group



With a spirit of innovation and creativity, we aim to be an indispensable presence both domestically and internationally.

01

Do not boast of one manufacturer  
**Proposal ability from the customer's perspective**

We have the capability to offer proposals to bring our customers' visions to life, leveraging the extensive network we have cultivated over many years, both domestically and overseas.

02

By engineers who are familiar with electronic components  
**Ability to discern parts**

We develop highly reliable products with short delivery times based on the technology and know how cultivated over many years by engineers who are familiar with design technology and parts.

03

You can bring your desires and creations to life.  
**Domestic and overseas manufacturer network**

We utilize our strengths as a trading company specializing in electronic components to maintain an extensive network with component manufacturers and partner companies both in Japan and overseas.

04

Geopolitical risks also taken into consideration  
**Procurement and manufacturing network**

**Having manufacturing sites in different regions helps reduce the overall impact of localized risks.**

05

Supports small-lot, high-mix production  
**Overseas local manufacturer network**

Having manufacturing sites in regions best suited for production allows us to produce efficiently in line with market demand and trends.

06

By engineers who are familiar with the electronic components  
**Capabilities to support development and design**

**With years of accumulated know-how, we provide comprehensive one-stop support from development through to design.**

07

With the skills of our craftsmen and years of experience  
**Providing sheet metal processing technology**

**We provide short delivery times based on ingenuity and excellent craftsmanship without the need for molds or jigs and tools.**



# Business Area



With our extensive knowledge and experience in electronic and precision metal parts, and our involvement in manufacturing sites, we have built strong capabilities in design and development. Beyond just selling parts, we provide one-stop solutions covering from parts procurement to development, design, production, and manufacturing processes.

## One-stop solution

Planning and  
specification review

design

Prototype

Inspection  
evaluation

Parts Procurement

Mass production

Design and development contract services

Sales and Procurement  
Agency Service

Contract manufacturing  
services

### Design and development contract services

We provide

*Circuit design / Semiconductor development / Exterior and mechanism design / Software development / Secondary battery development*

### Contract manufacturing services

Partnering with more than 20 domestic and international manufacturers experienced in consumer, industrial, medical and automotive equipment, we are committed to supporting your production needs by delivering flexible manufacturing solutions, whether for small quantities or large-scale operations. *OEM (Original Equipment Manufacturer)*  
*ODM (Original Design Manufacturing)*  
*EMS (Electronics Manufacturing Service)*

### Sales and Procurement Agency Services

As a trading company specialized in electronic components and precision metal parts, we propose optimal devices that can be stably supplied at low cost.

*Sales of electronic components and electronic component units / Sales of precision metal components / Sales of resin molded products*

*Special materials sales / secondary battery sales business*

Realization strategic procurement and purchasing

We help streamline your operations and reduce costs by managing multiple suppliers and handling complex ordering and delivery schedules on your behalf. Additionally, we contribute to further cost reductions by providing valuable information.

VMI  
Vendor Managed Inventory

**Significantly shorten procurement lead time /**  
**Significantly reduce parts inventory / improve cash flow**  
We install and manage a dedicated warehouse within your factory, maintaining a constant stock of the components you need based on your production schedule. This allows you to operate without holding inventory



# Description of business①

For about 70 years, we have been operating as a specialized trading company in electronic components and precision metal parts. Sankin was founded in 1953 with the cooperation of three major metal manufacturers, and then began handling electronic components with the dawn of the electronics age.

Since then, in order to stay ahead of the changes of the times and fulfill the role expected of us, we have focused on expanding the products we handle, developing and providing new services, utilizing our global network, and building a supply chain that takes geopolitical risks into consideration.

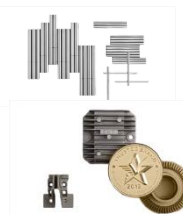
## Sales of electronic components and units

Utilizing our global procurement routes, we propose and procure the most suitable products from our abundant product lineup, from microcontroller selection to electronic components. We also handle technical support, development, inventory management, etc.



## Precision metal parts sales and contract manufacturing

We deliver high-quality parts with outstanding technology and rapid processes. We offer ultra-precision grinding and precision cutting technologies that can handle mass production with an outer diameter tolerance of  $0.5\mu$  according to customer requests, and we also offer high-quality material selection that complies with IATF16949.



## Resin molding / sheet processing / rubber product sales Contract manufacturing

We offer a wide range of indispensable resin molded products and sheet processing, as well as rubber products used in a wide range of fields, and propose high quality, cost-effective, and environmentally friendly products to meet our customers' needs.



## Power supply and secondary battery sales

SW power supplies, lead-acid batteries, lithium ion batteries, nickel-metal hydride batteries, etc. We also provide design and development services such as reviewing power sources and downsizing.



## Collaborative robot sales

We support payloads ranging from 3 to 35 kg which allows flexible integration of various end effectors. It demonstrates excellent performance in terms of precision, speed, and stability. OEM/ODM is also available.



## Special materials sales

We deliver high-precision, high-quality materials. We can handle a variety of shapes and materials, including iron, stainless steel, high-nickel alloys, steel, brass, aluminum, tungsten, molybdenum, and glass powder.



## others

- This is a test device that supports HBM and MM using capacitor discharge. It is a highly reliable device that meets Japanese and overseas standards. (Compatible with JEITA/ESDA/JEDEC standards)
- Digital signage equipped with Windows 10 Pro as a standard.







# Description of business②

## Contract design and development services

We provide one-stop service for boards, modules, electronic products, inspection equipment, etc., from planning and specification review to hardware and software design, prototyping, and evaluation

- As necessary, we will carry out exterior design in a short period of time in order to finalize the specifications .
- We manage each person in charge based on the specifications to create the optimal design.
- We design mechanisms and housings using standard resin, sheet metal, die casting, and cut parts, and also carry out special designs as required.
  - Compact and lightweight design / Heat-resistant and various heat dissipation designs / Drop-, vibration- and impact-resistant designs
  - Waterproof design using gasket ( IP65 , 67 , 68 compliant as required )
  - Insert molding design and resin sealing design aimed at miniaturization and waterproofing
  - Insert molding design using special transparent and non-transparent resins
  - Oil-resistant design including waterproof design using special resin
  - Mold design to reduce the cost of cutting parts
  - Resin selection and resin design to reduce the cost of metal components
- We carry out various optical designs using various resins, glass lenses, fibers, LEDs , LDs , etc.
  - Various indicator lamp design / Drive unit design using motors etc./Various cable design
- We can also design jigs and inspection machines for the design components as necessary.
- Resin models can be produced using cutting, various 3D printers, or molds depending on the evaluation content.

## We will take charge

### Engineer

20 years of experience at Keyence , where we were involved in the design and development of principles, structures, optics, circuits (initial stage), etc.

### FAE

( Field Application Engineer )  
We will meet our customers' needs by utilizing our experience in development projects, production line control, and parts and material procurement at EMS manufacturers Foxconn and Goertek .

## エンジン部品・油圧部品

CASE :01



業界

エンジンパーツ(農業機械)

業務内容

エンジン部品、油圧部品を開発及び量産化しました。

各部品に必要な性能を確保できる工法及び生産地をご提案し、**安価で高品質な部品開発**を実現しました。

## 測定器の光学設計

CASE :02



業界

産業機器

業務内容

ガラス格子を使用した**移動量0.1um精度の移動測定**を実現しました。  
高精度エッチングによるガラススケールと、CCDとLED平行光を利用し実現しました。

## モニター/カメラモジュール

CASE :03



業界

産業機器

業務内容

特殊車両などのアフター用モニターリングシステムに合わせ、**防水カメラモジュールの設計、開発や周辺の人や物をセンシングしてアラームを鳴らす等**を実現しました。

## 超高性能部品の試作、量産

CASE :04



業界

医療・ヘルスケア

業務内容

電動ベッド・電動車椅子から歯科用医療器に必要な**超精密部品を工法、量産化可能な公差寸法、生産地を提案することにより量産化**を実現しています。

## Circuit Design

Analog and digital circuit design  
Power supply circuit design (Amplification circuit/detection circuit)  
High density mounting  
Module Development  
Board Design

## Semiconductor Development

Interposer design and development  
Material Development  
Package design  
Mold  
Dicing  
Inspection and analysis

## Exterior and mechanical design

Product Design  
3D Modeling  
Structural Design  
Mold Design  
3D printer / cutting prototype

## Secondary battery development

Lithium-ion battery pack for small mobility  
Lithium-ion battery pack for wearable cooler  
Nickel-metal hydride battery pack for high-speed cameras

## Software Development

Device Drivers  
Embedded Software  
firmware  
Application Software



# Description of business③

Showa Bankin Kosakujo accepts orders for the manufacture of various prototypes. Without the need for molds or jigs, we use our ingenuity to handcraft prototypes and achieve short delivery times.

## Features

The bending process is achieved by skilled craftsmen with years of experience.

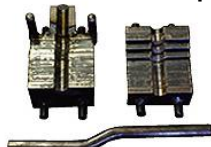
## Processing Technology

Bending / drawing / bending  
Laser processing / turret punch processing



簡易金型

三次元簡易金型



簡易金型

レーザーによる積層簡易金型  
丸棒のクランク曲げ用



簡易金型

レーザーによる積層簡易金型  
ブラケットの絞り加工用



簡易金型

積層金型による絞り加工



簡易治具

レーザーによる積層簡易治具



絞り加工

簡易金型による絞り加工



溶接加工

ポストの溶接



ベンダー加工

異形管ベンダー加工



レーザー加工

歯車



曲げ加工

ガスバーナーによる焼き曲げ  
丸パイプ 直径8~89.1  
角パイプ 100角まで加工可能



タレパン加工

ラック

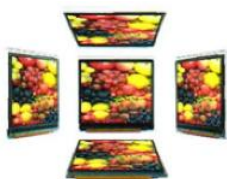
## Main Facilities

machine	Manufacturer	Model	Number of units
Laser Machine	AMADA	FO-3015NT	×1
Brake press (Network-compatible vending machine )	AMADA AMADA AMADA AMADA	FBDⅢ125t HDS8025NT RD100 RD35	×1 ×1 ×1 ×1
Multifunction printer	AMADA	LC2012C1	×1
Sheet metal storage	AMADA		×1
Milling machine	OKK	Ram type milling cutter	×1
3D measuring device	Mitutoyo FARO	Crysta -Plus M Quantum nax	×1 ×1

\* OA room - AP100 , 3D 4- unit ASIS network system

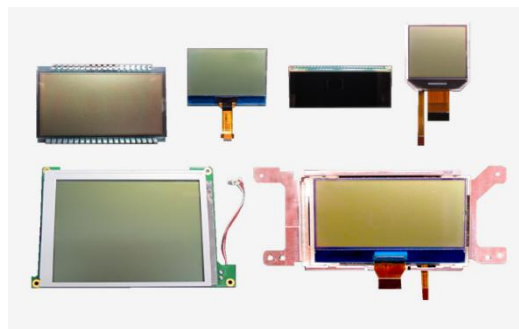
\* Examination room





- LCD module (color / monochrome, small / large)
- LCD monitors (industrial / consumer use)
- Custom / irregular shaped LCD
- Transparent LCD
- ePoster

LCD module



Irregular / Custom LCD



Transparent LCD

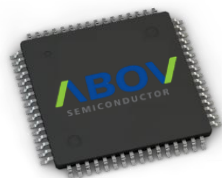


ePoster





## Semiconductor



LSI



Optical Semiconductors



Power Devices



LEDs , semiconductor lasers



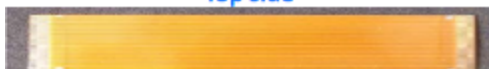
High-frequency components

## Connector / Harness / FPC (1.5M)



High speed long FPC

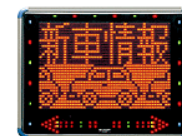
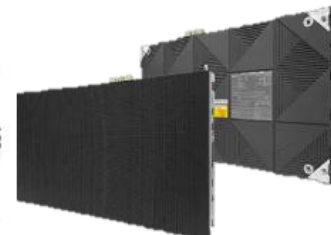
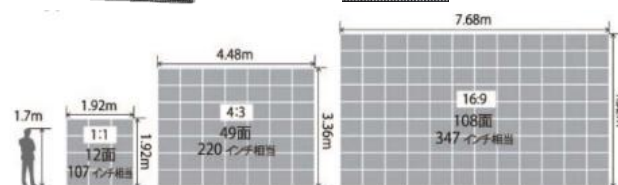
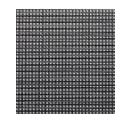
Top side



We also offer connectors and harnesses with proven track records in automotive applications.

## LED

## LED Display



Security lights

## IGBT / DC/DC converter



Feel free to contact us for small to large capacity.



Converts and regulates output voltage

Sales of electronic components and units

CMOS Sensors & Camera Modules



High quality CMOS and camera modules  
for automotive use

Speaker / Microphone (MEMS)

<b>Automotive</b> (Car-Phone, OHC, E-Call)	
<b>[Low Cost &amp; Uni-Directional ECM MIC]</b>	
<b>SMD</b>	<b>ECM (Uni)</b>
- Ø4x1.3T - Entry level MIC - Sensitivity : -42 ±3dB - SNR : 59dB(A) - AOP : 120dB SPL	- Ø6x2.7T - Uni-Directional MIC - Sensitivity : -39 ±3dB - SNR : 63dB(A) - AOP : 126dB SPL
<b>[E-Call SPK]</b>	
<b>Automotive Standard</b>	<b>[Middle Tier MEMS MIC]</b>
- Ø30x1.2T - Rated Power : 3W - Impedance : 4ohm ±15% - FD : 400 ±20% - SPL : 86 ±3dB @ 0.5M / 800Hz, 1KHz, 1.5KHz avg	<b>High SNR Analog</b>
	- 3.5x2.65x0.98T - Bottom Port - Entry level MIC - Sensitivity : -38 ±1dB - SNR : 60.5dB(A) - AOP : 124dB SPL
	<b>Low Power Digital</b>
	- 3.5x2.65x0.98T - Bottom Port - Uni-Directional MIC - Sensitivity : -26 ±1dB - SNR : 63.5dB(A) - AOP : 120dB SPL



Car entertainment

EMS /EMI countermeasures  
products



EMC related issues .  
We also offer proposals for

PTC heater

Flexible Heater



Clear fog and snow  
Maintain clear vision and detection

Rapid raise the temperature to  
above 0 °C and let the battery  
performance back to normal

PTC Air Heater



Rapid deliver hot air with safe and  
energy saving feature

Upgrade riding comfort

LiDAR SPE Cable

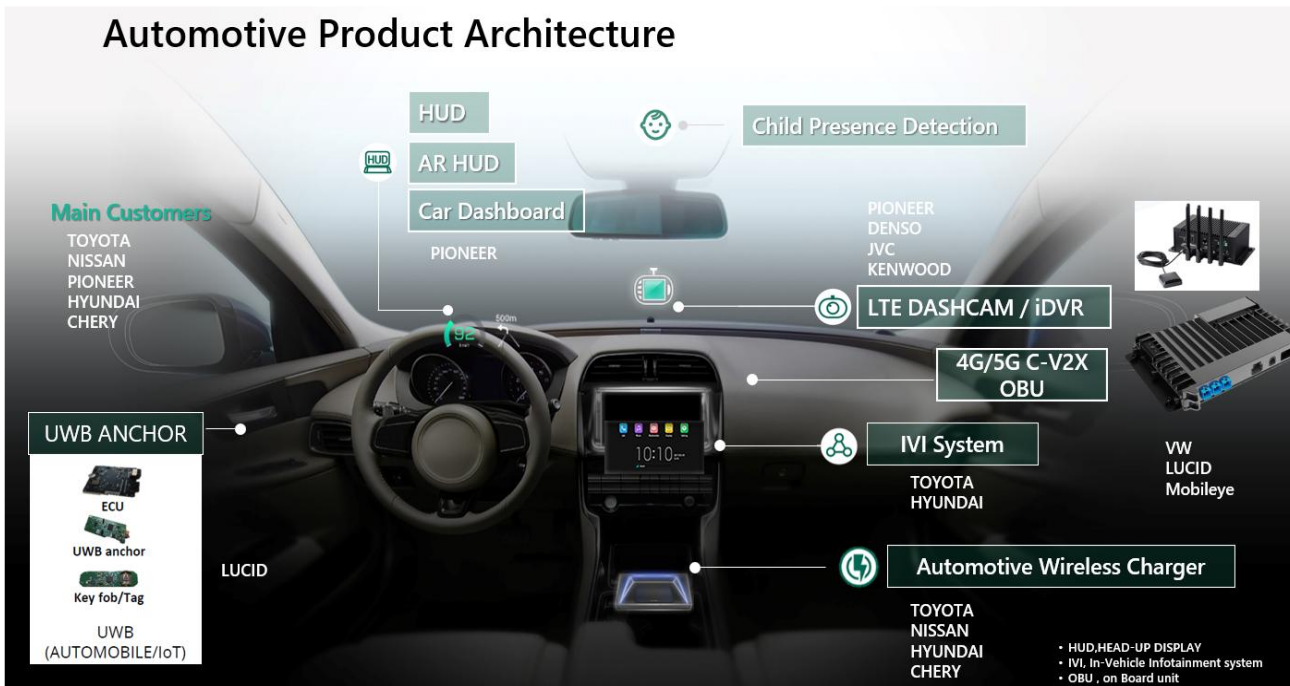


Vehicle Antenna

Antenna



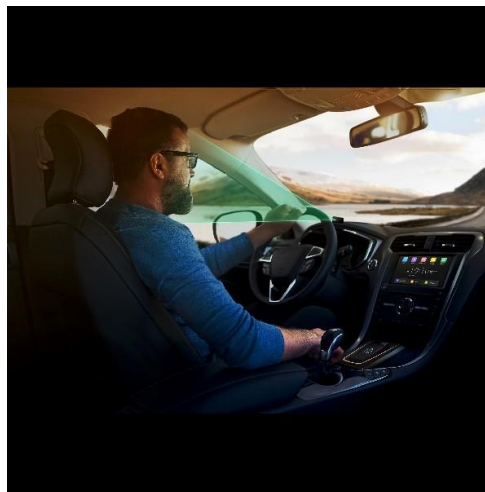
### Automotive Product Architecture



### IVI System (Smart Monitor/Enterprise System) Support Google/IOS



### DMS (Driver Monitoring System)



### CPD (Children in Vehicle Detection System)



In-cabin sensing scenario (Child in CRS)



▲ Passenger localization (2<sup>nd</sup> row driver side)

▲ Movement detection in 2<sup>nd</sup> row (Point cloud)

## power supply



Power supply units are used in many electrical appliances. Sankin mainly handles products from the Taiwanese power supply manufacturers PHIHONG and FSP.

We offer solutions tailored to your needs, including SW power supplies, AC adapters, medical and LED lighting supplies, custom power supplies, and more, helping to reduce costs and meet BCP needs.



## Secondary battery development and consulting



We provide comprehensive support for all types of secondary batteries, including lithium-ion batteries, from consulting to design, development, manufacturing, various certifications, and transportation.

### Review of power source and proposal for improvement of battery configuration

- We propose batteries that are compact, quiet, and best suited to the application and usage environment of your product.
- We can also advise you on reconsidering your power source, such as switching from gasoline engines to secondary batteries, primary batteries to secondary batteries, and lead batteries to lithium-ion batteries.

## Features

- Development costs can be reduced by using standard and general-purpose products.
- We do not belong to any cell manufacturer or pack manufacturer group, and maintain good relationships with each company.
- This allows us to propose solutions that are truly optimal for our clients' applications, without being bound by the intentions or policies of cell manufacturers, etc.



## Global Procurement Routes

(Japan, Thailand, Taiwan, China, Vietnam)

Ultra-precision ground products (automotive, motor, etc.)

Precision cutting products (Thailand, Taiwan, China, Vietnam)

Sintering (Resonac Co., Ltd., Thailand)

Die casting (Thailand, Vietnam)

Forged products (Vietnam)

Extrusions / Sheet Metal

Precision press (Thailand) / lock parts, etc.

Gear

### Die Casting Parts

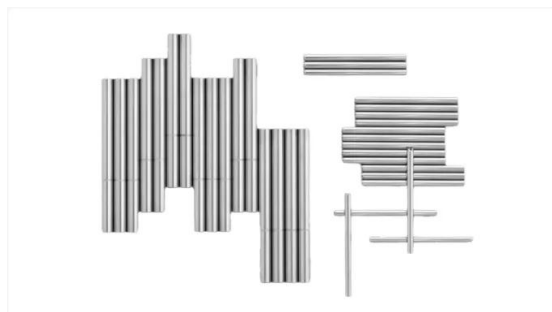


Die-cast parts have high dimensional accuracy and are suitable for mass production.

Mold design, manufacturing, machining, and plating all done in Vietnam

The materials used are aluminum, zinc, brass, etc., and we can provide inexpensive die-cast parts upon consultation.

### Ultra-precision ground shaft



We provide ultra-precise (nano-level) shafts based on material selection and application.

### Sintering Machine Parts



Sintered machine parts have many features, such as high productivity in mass production and good wear resistance. We will consult with you to provide suitable sintered parts.

### Precision Cutting



We provide precision machining using the latest machines, material selection and extensive know-how.

## Global procurement routes (Japan, China)

### (Resin processing)

- Precision injection molding (thermoplastics, general-purpose resins, engineering plastics, super engineering plastics)
- Precision thick-wall molding (voidless, double molding)
- Direct pressure molding (thermosetting)
- Precision insert molding (metal, resin, film)
- Vacuum and pressure molding
- Precision Cutting Products (Resin/Rubber)
- Adhesion, welding, bending
- Casting, photopolymerization, 3D printer, painting processing gear

### (Rubber processing)

- Precision Cutting
- Precision Molding

### (Die cut product)

- Film Processing
- Double-sided tape bonding process (half cut)
- Rubber
- sponge

## Sheet processing

Resin film, sponge, double-sided tape, etc.

### Document related parts



### Video equipment related parts



### Automotive related parts



## Injection Molding



This method uses molds to mass-produce parts of various shapes, including complex shapes.

## Vacuum forming/pressure forming



This is a method of forming plastic materials under vacuum.

## Plastic moldings

We manufacture optimal products by controlling dimensional accuracy, sink marks, warping, and weld lines. Filler orientation control enables molding that enhances product strength



Gears - Our unique mold manufacturing method enables us to mold high-precision gears



We can handle a wide range of molding and assembly processes for mechanical parts, from small to large, and achieve high-quality, low-cost mass production.

## Rubber products

EPDM, NBR, HNBR, ACM, CR, IIR, VMQ, FKM, etc.

### Automotive related parts



半圧縮永久変形

### Home appliance parts



半環形状対応

## We solve your challenges

うちにはロボットを  
操作できる技術者  
なんていないよ！

ロボット！？  
そんな高いもの  
うちなんかには  
入れられないよ！

どうにか  
生産コストを  
抑えられないかなあ

どうしたら  
人手不足が  
解消できるかな

## 2nd in world sales No.1 manufacturer in China

Delivery time support by maintaining domestic inventory  
Introduction and after-sales support by domestic base  
2-year quality guarantee

### 工業



### 非工業



工業



マシンメンテナンス



車体の接着



梱包箱のパレタイジング



小売/サービス



ラテアートカフェロボット



ハンバーガーロボット(両腕)



ミルクティークステーション



医療健康



理学療法ロボット



植歯ロボット



試薬検査



モバイルロボット



遠隔巡回検査



インテリジェントアーカイブルーム



5G障害物排除ロボット



科学研究教育



デジタルツイン技術を搭載したロボット



オルゴール組立ライン



教育向けトレーニングプラットフォーム



その他



農業ピッキング



高電圧配電盤の操作



衛生と清掃



半導体評価用測定器 エレクトロニクス制御機器  
**HANWA** 阪和電子工業株式会社  
 HANWA Electronic Ind. Co., Ltd.



<https://www.hanwa-ei.co.jp/index.html>

## Electrostatic Disruption Device



HED-S5000R



HCE-5000



HED-G5000

This test equipment is compatible with HBM and MM using capacitor discharge. This is a highly reliable device that complies with Japanese and overseas standards ( JEITA/ESDA/JEDEC standards compliant).

## CDM Tester



HED-C5000R

This is a device for testing the breakdown resistance when contacting objects with different electric potentials.

## TLP tester , static electricity visualization monitor



We also offer TLP testers that simulate the operating characteristics of protection circuits, malfunction testers, and visualization monitors that show static electricity.



Damage caused by wild animals and theft of electric wires from solar power plants and construction sites are spreading nationwide due to the recent rise in the cost of raw materials.

In order to protect our customers' valuable assets and possessions, Sankin has started to handle the unmanned surveillance system "VIGILA" developed by Japan Shielding Technology Institute, and the wild animal damage security service "Aiwana Cloud".



# VIGILA

AI eyes" keep watch over everything from preventing theft to monitoring illegal dumping .

1. You can check the location of the camera on the map.
2. The camera is wireless so it can be installed anywhere.
3. A user-friendly management interface.
4. By changing the server settings, it can also be used to prevent animal damage.



多発する盗難被害、不法投棄などから  
御社に安心・安全をお届けします！

VIGILA

使い勝手の良さと確かな機能！

カメラの設置場所が  
地図上で確認できます。

送られてくる画像は顔もハッキリ

カメラは無線方式なので、  
どこでも取り付けられます。  
単三電池12本で約半年の長寿命。

カメラは、電波法令で定められてい  
る技術基準に適合している、安心の  
技術マーク付きです。

オプションサービス

ソーラー発電  
ソーラー発電機を取り付け  
ることによって、電池不調で  
使用できます。

わかりやすい管理画面

オプションサービス

**PATLITE**  
PATLITE社製  
専用対応ネットワーク  
無線通信対応NATV型

緊急メールの見落とし防止  
検知条件に合致したメールを受信  
した場合、音声と光で知らせます。

サーバーの設定変更により  
獣害対策にも併用できます。

## Animal damage security services

Cameras installed in target areas will send footage to a cloud AI server system, which detects wild animals and then will send alert emails when they appear.

It will be possible to monitor the appearance of wild animals (wild boars, monkeys, etc.) from a distance.

## "Smart digital signage" using u-Smart Technology 's " Smart scheduler"

"The first" under  
the Windows brand



Windows  
スマートデジタルサイネージの  
No.1ブランド



### Trusted and implemented by many clients(Taiwan, East Asia)

Government-related institutions (drug and pharmaceutical testing organizations, etc.) / Insurance company / electric power company / major corporations  
Schools (elementary schools, junior high schools, high schools, vocational schools, universities, etc.)  
Golf courses and department stores (Taiwan's SOGO) / Radio Media / Food and beverage and retail stores / Major chain stores (eyeglass companies, etc.)

Single Panel, Dual Panel  
No complicated wiring and easy installation



The "poster type" designed exclusively for Japan is  
Compact and convenient



10 inches to 55 inches  
Indoor and outdoor use

Windows  
All-in-One PC  
mounted

Wireless HDMI  
Installation environment  
Flexible response

Offline available  
No risks of attack or  
disconnection of network

Commercial display panel  
with excellent durability  
and aesthetics



Windows 10 Pro is installed  
Capable of browsing websites, streaming  
YouTube live, and playing videos and photos

Using wireless HDMI  
Capable of using up to four displays at the  
same time

