

# Company Profile

**Coilmaster Electronics Co., Ltd**

統宇電研股份有限公司

No211, Huanbei Road Zhongli District, Taoyuan 32055, Taiwan

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# Content

1. Company Introduction
2. Production Introduction & Applications
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# Introduction

Design your product with **Coilmaster Electronics**

**Company Name :** Coilmaster Electronics Co., Ltd

**Established :** 1995

**General Manager :** Mascot Wu

**Head Office :** No211, Huanbei Road, Zhongli District, Taoyuan, 32055, Taiwan

**Company capital :** 22 million US dollars

**Employees :** 572 people in China and 21 people in Taiwan

**Factory :** IATF16949 / ISO9001 / ISO14001 certificate

**Consolidated Revenue :** 55.6 million US dollars (Fiscal year ended December 31st , 2021)



# Company Timeline

## 2021~Now

Set up full automated producing line for Transformer & Common mode choke

## 2015~2020

Expand the Hubei Factory  
12000 m<sup>2</sup>  
Set up 7 full automated producing line  
IATF 16949 Certified

## 2014

Business with famous worldwide company  
Toshiba  
BMW  
Harman Becker  
Varroc Lighting

## 2012

Expand the Dongguan Factory  
Apply automated producing process  
Established the Shandong plant  
ISO/TS 16949 Certified

## 2008

Established the second plant (Hubei) to expand product line.  
(Molded inductor, Pin type inductor and Transformer)

## 2002

Established the Dongguan Factory For Power Inductor

## 1995

Founded in Taoyuan, Taiwan to produce ferrite core for domestic market

# Headquarter / Factory Location



## Taiwan (Headquarters)

700 sq.m / 21 people

3F, No211, Huanbei Rd, Chungli Dist, Taoyuan,  
Taiwan

## Hubei, China (Factory) – IATF16949

12000 sq.m / 382 people

No 20, Sanwan Rd, Intelligent Industrial Part, Economic and  
Technological Development Zone, Jingshan City, Hubei Province,  
China.

## Shandong, China (Factory)

7500 sq.m / 155 people

North Second Ring Road. Economic development  
zone, Shandong, China

## Guangdong, China (R&D, Logistic Dept)

1500 sq.m / 35 people

No.12, An Bei San Rd, Huang Jiang Town, Dongguan, Guanddong, China.

# Why Choose Coilmaster

Over 20 years experience in Ferrite core, Inductor and Transformer Territory

**Our vision is “Creating high-performance inductors, reducing energy loss, and contributing to sustainable”**

## ✓ Keen to develop high efficiency power inductor

To achieve our vision, our engineer team is highly committed to developing inductor with flat cooper wire and high saturate current product with low power loss.

## ✓ Fast Delivery / Reasonable MOQ

From 2012, we start investing the new automated machine in our producing line, including winding, soldering, checking, and packing process. The production efficiency is 25% higher than before.

Coilmaster also offers the fast delivery program, we could ship out the goods in 3~4 weeks. (Standard product)

\* Standard lead time is around 6~8 weeks only.

\* Could support SPQ=MOQ

## ✓ Reliable Partners

Coilmaster had over 20 years of experience in ferrite core & inductor territory.

Hence, we have powerful ability to support customized products.

Furthermore, our factory is IATF16949 certificated, the quality is the most important thing we care about.

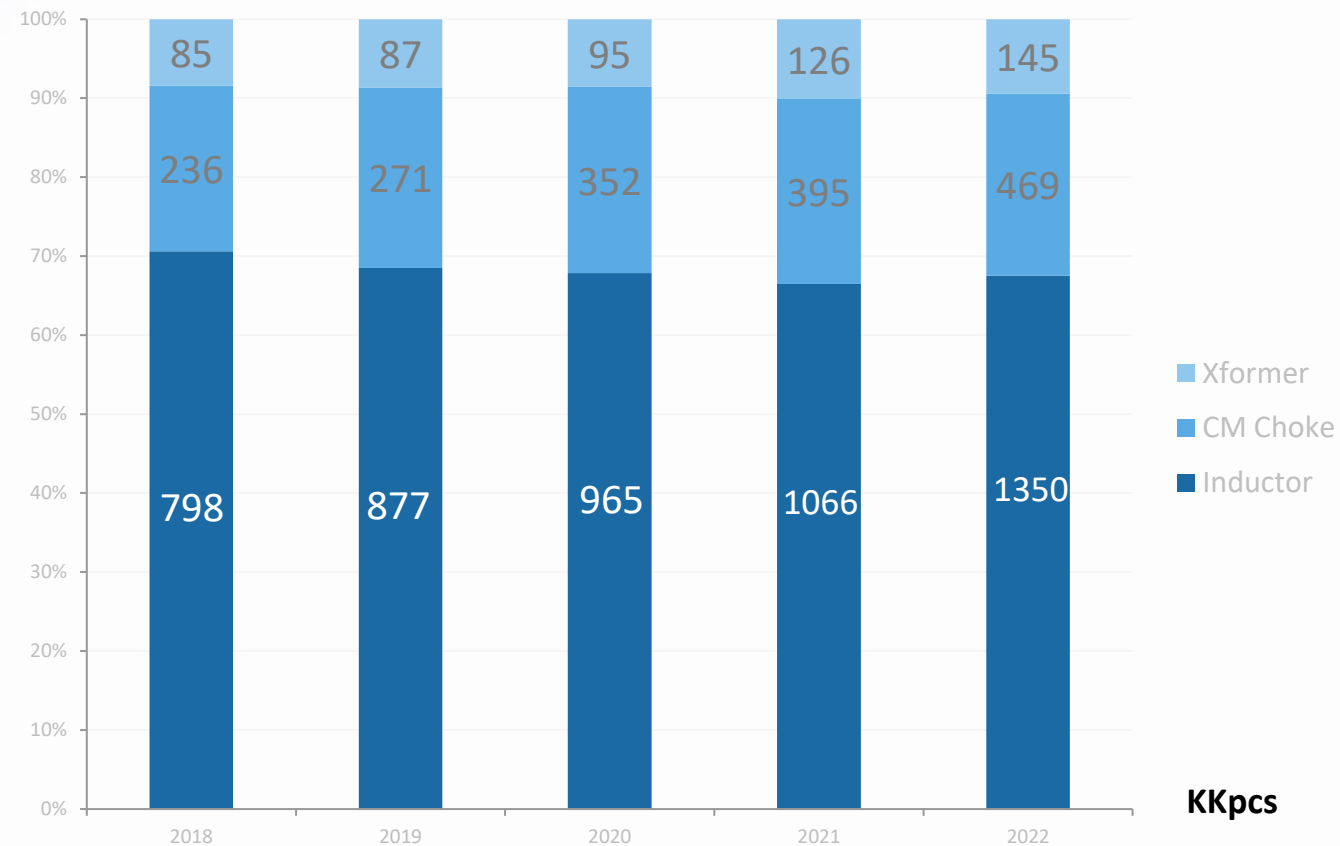
## ✓ Product Diversification

“One stop service” is time saving for customer when they looking for passive component.

You could find “Inductor, Common mode choke, Beads, Transformer” in our product portfolio

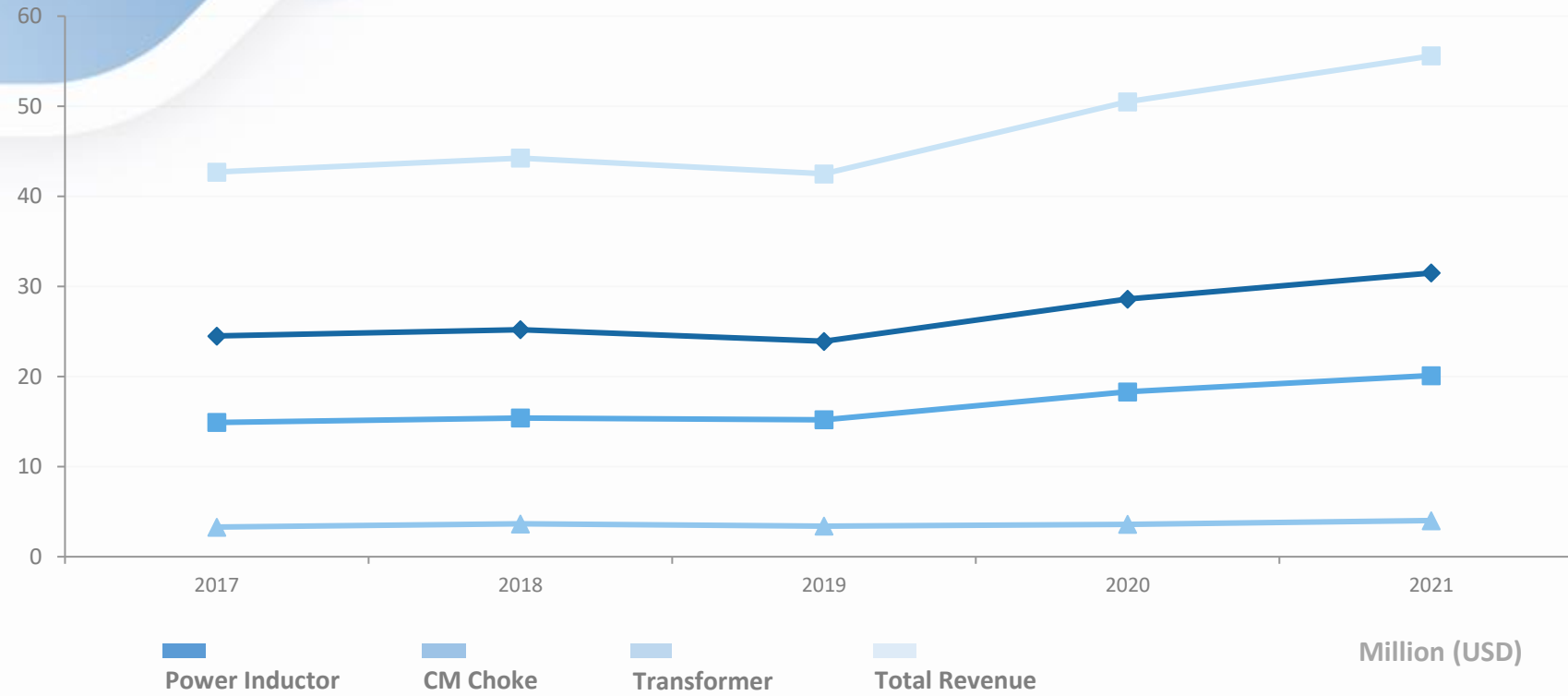
# Production Capacity (Annual)

Power Inductor / Common Mode Choke / Transformer



# Sales Revenue

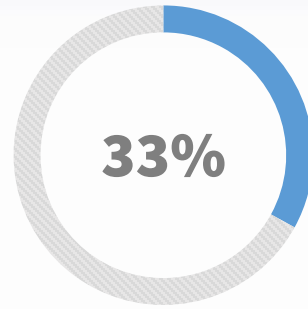
From 2016 till 2021



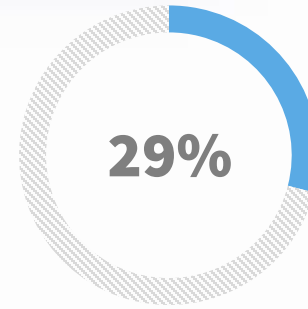


# Market Segment

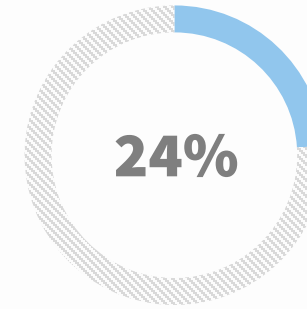
Year 2021



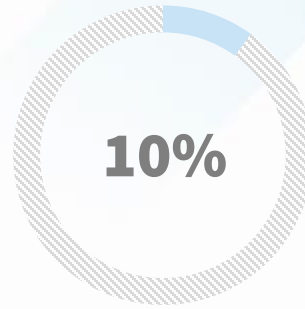
Communication



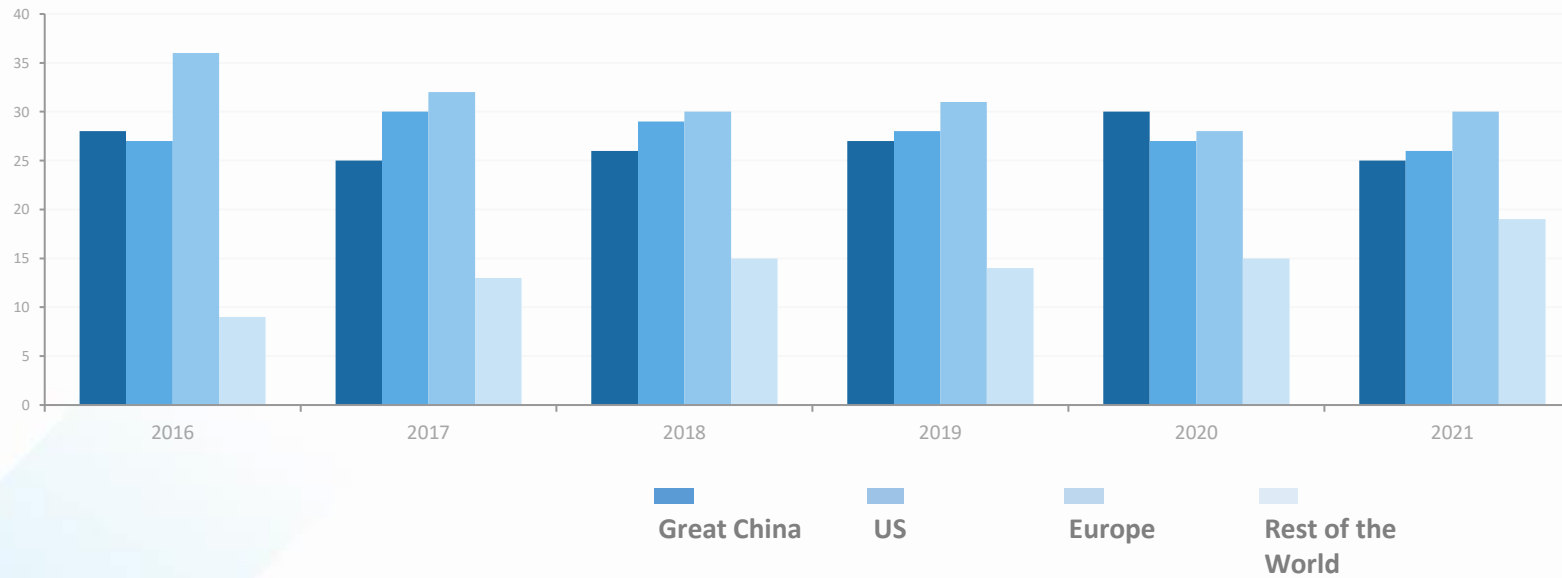
Automotive



Industrial



Medical



# Factory

1<sup>st</sup> Floor – Manual / Semi-automated





# Factory

2<sup>nd</sup> Floor – Full automated production line – Power Inductor





# Factory

3<sup>Rd</sup> Floor – Full automated production line – Transformer



# Quality Assurance

IATF 16949 certified

To meet international standards and quality assurance, Coilmaster Electronics implements strict management on quality and service, providing competitive products, efficient delivery and timely support for its customers.

Coilmaster Electronics is widely recognized by international companies such as **Harman Becker, SONY, Samsung, SL Corporation, Hyundai, Panasonic, Toshiba, Foxconn, Power One, Bel Power, Varroc, Jabil, Wistron, Flex Group, Kontron, ABB Group, ALPS Group, Huawei** and., etc.

 Succeed with Quality	
	<h2>CERTIFICATE</h2>
Quality Austria - Trainings, Zertifizierungs und Begutachtungs GmbH awards this <b>qualityaustria</b> certificate to the following organisation:	This <b>qualityaustria</b> certificate confirms the application and further development of an effective
<b>Hubei Coilmaster Technology Co., Ltd.</b> Intelligent Industrial Park, Economic and Technological Development Zone, Jingshan City, Hubei Province, China	<b>QUALITY MANAGEMENT SYSTEM</b> complying with the requirements of standard <b>IATF 16949:2016</b> without product design
Manufacturing of power inductor for central control entertainment system	Registration No.: 10737/0 IATF-Registration No.: 0370706 Issue Date: 18 August 2020 Expiration Date: 17 August 2023
	Vienna, 18 August 2020
<small>QUAL/PO_3E_R09 7550-050-0908-03el- W50-061001/0177</small>	Quality Austria - Trainings, Zertifizierungs und Begutachtungs GmbH, AT-1010 Vienna, Zelinkagasse 10/3
	 Konrad Scheiber General Manager
	 Ing. Michael Dragosits, MSc Specialist representative
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# Quality Assurance

In-house Laboratory



HP 4284A



DC Bias Current: Up to 50A



X-Ray Fluorescence



IR Reflow



Vibration Test



Falling test



Humidity and Thermal shock test





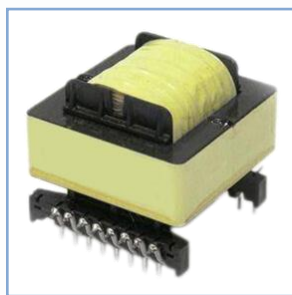
# Product Introduction

Diversified product line, your best partner for Passive Component



## Power Inductor

Shielded  
Semi-Shielded  
Un-Shielded



## Transformer

High Frequency  
Low Frequency



## Common Mode Choke

Pin Type  
SMD Type



## Chip Inductor / Beads

High Frequency  
High Current  
RF



## RJ 45 with Magnetic

10/100/1000 M  
2.5G / 10G  
POE / POE+

# Product Introduction

Power Inductor

SMD Power Inductor



Shielded



Semi-Shielded



Molding



Un-shielded

THT Power Inductor



Un-shielded



Choke



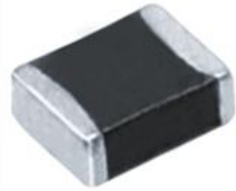
Molding



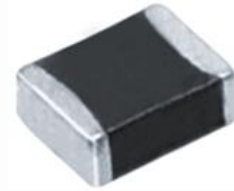
# Product Introduction

Chip Beads / Chip Inductors

Chip Beads



Current<1A

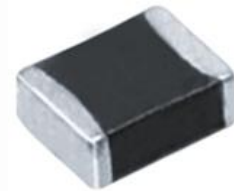


Current>1A

Chip Inductors



Ceramic



Ferrite

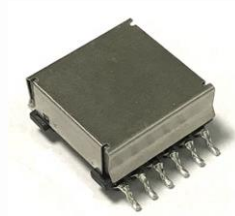


High current

# Product Introduction

Transformer

## SMD Transformer



EFD



EP



EE5



ER

## THT Transformer



ETD



RM

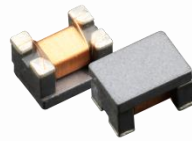


EF

# Product Introduction

Common mode choke

## SMD Common Mode Choke



MM



SMM



SLF

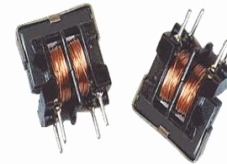


SDS-BQ

## THT Common Mode Choke



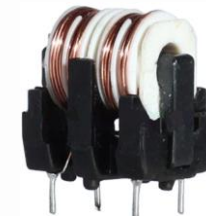
UT14



UU



CMT



UT

# Product Introduction

LAN Magnetics / LAN Transformer

RJ45 with  
Magnetic



1\*1 port



1\*2 port



1\*4 port



1 port / USB

LAN Transformer



S16



S24



S48

# Applications

Automotive

## Parking Sensor

SDR series	SBP series	S16 series
SQH series	SDC series	S24 series
SEP series	MS series	
SDS series	MI series	

## Multimedia

SQH series	SDC104/105R series
SDS series	MM series
MS series	SBS series

## Bluetooth Device

SQH series	MB series
MS series	MI series
MF series	ML series

## Car Lighting

MB series	SEP series
MI series	ML series
SDS series	SQH series
SDS-BQ series	SBP series

## Battery Control Unit

MB series	SEP series
MI series	SDC104R series
SDS series	SQH series
SDS-BQ series	MM4532 series
S16 series	S24 series

## ETC system

SDC series	MB series
SQH series	MI series
MS series	

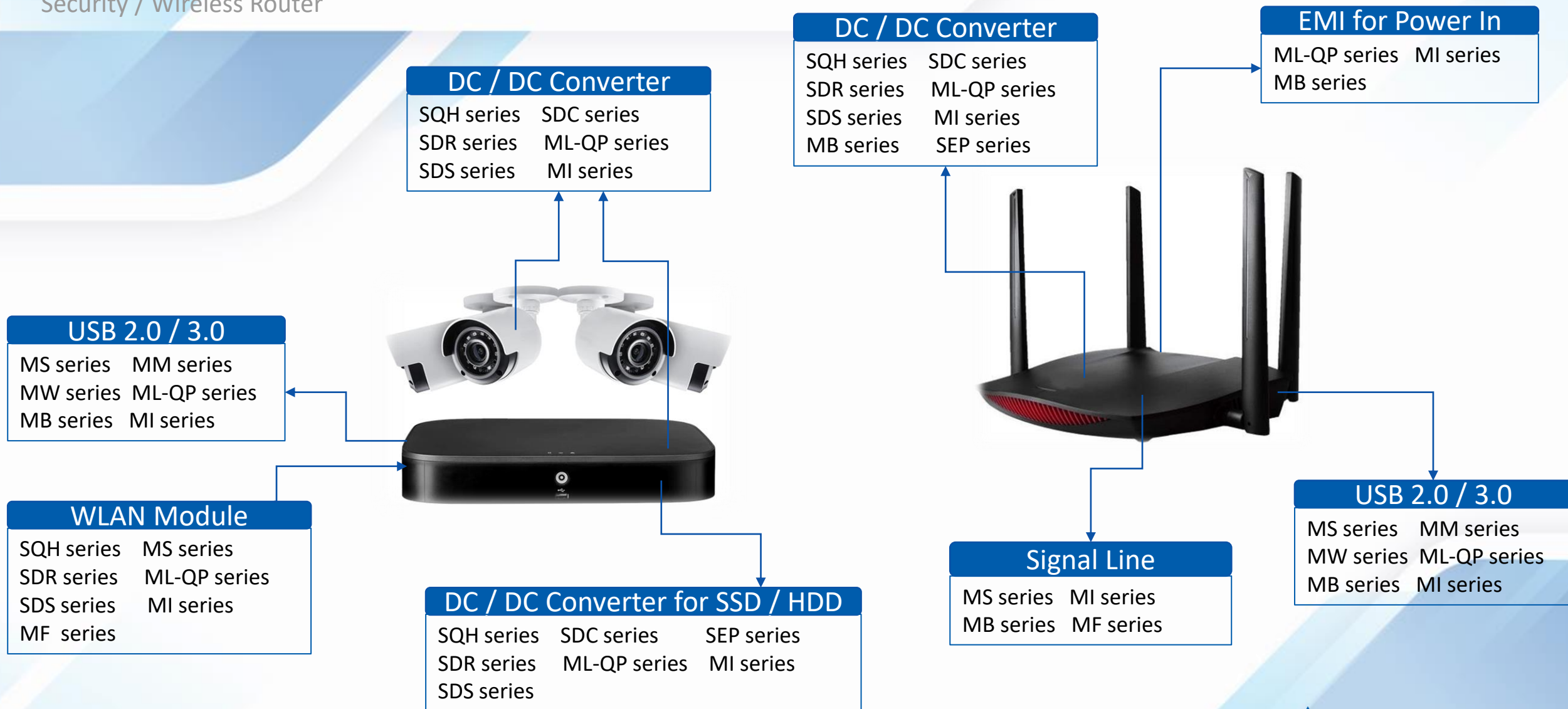
## Tire Monitoring

MS series	MI series
MM series	MB series



# Applications

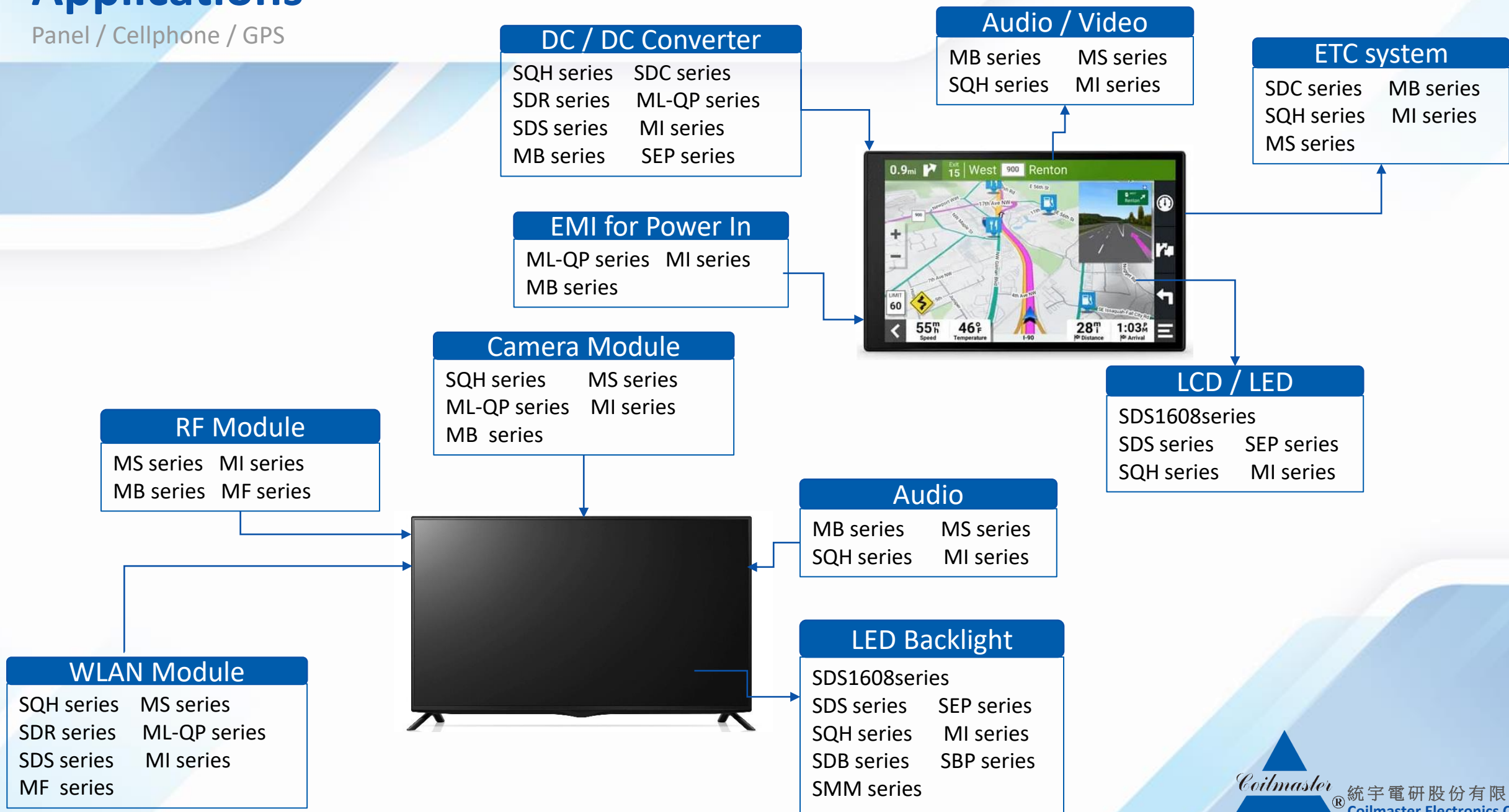
Security / Wireless Router





# Applications

Panel / Cellphone / GPS



# Global Brand Partners

Automotive



**GEELY AUTO**



**General Motors**



**HYUNDAI**

The list is the end customer, we support their T1 / T2 suppliers.



# Global Brand Partners

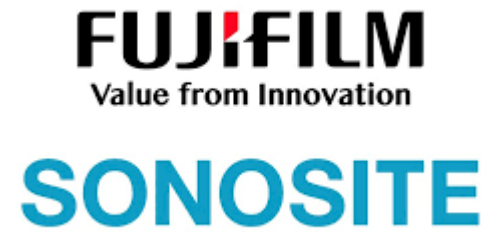
Automotive



The list is the end customer, we support their T1 / T2 suppliers.

# Global Brand Partners

Medical



The list is the end customer, we support their EMS factory

# Innovative Service From Coilmaster



# Thank You

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