

# 2025 CES

## Taiwan Automotive Technology Pavilion

LVCC, South Hall 3, Upper Level  
Booth No.41008

# Exhibitors

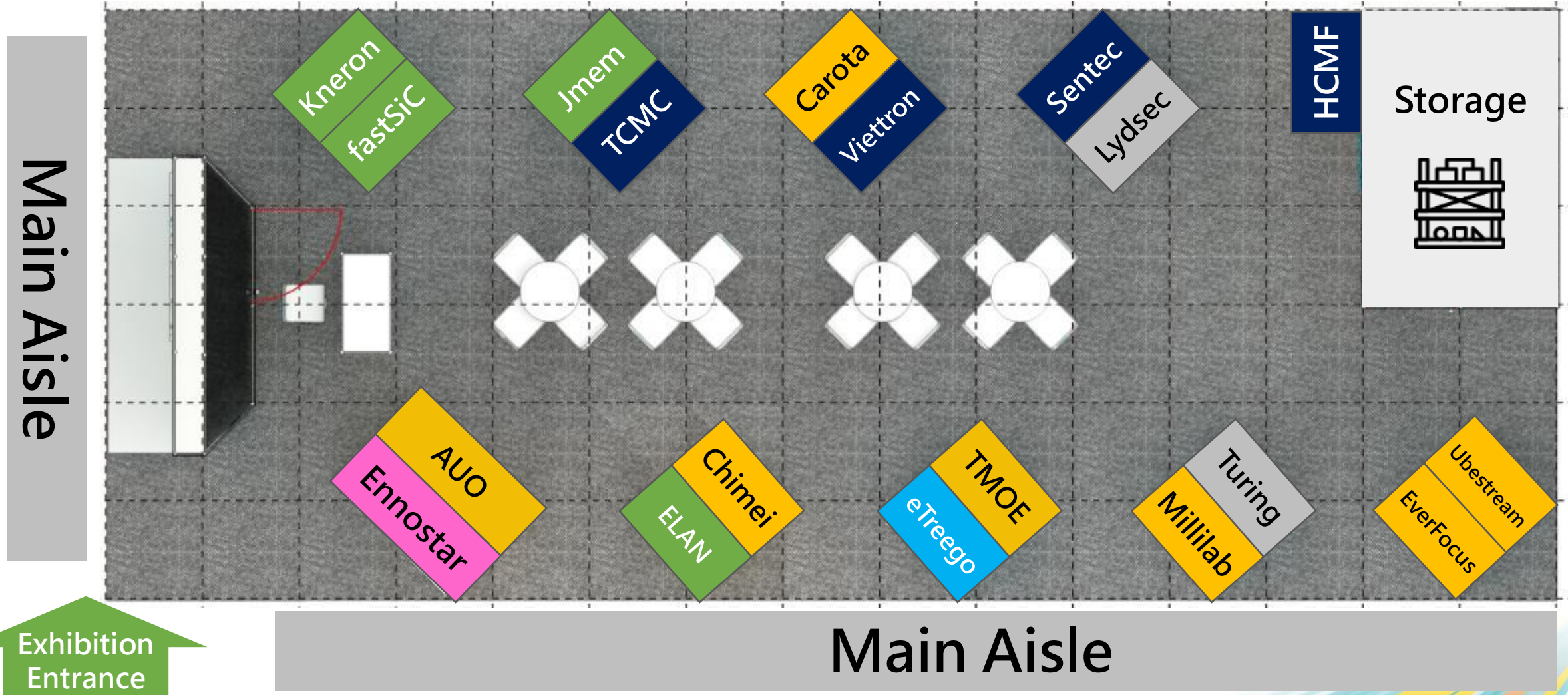
No	Company Name	Product Categories
1	AUO Corporation	Smart Cockpit
2	Millilab Co., Ltd.	Smart Cockpit
3	Chimei Motor Electronics co., ltd.	Smart Cockpit
4	Taiwan Mini Optics & Electronics CO., LTD.	Smart Cockpit
5	EverFocus Electronic Corp.	Smart Cockpit
6	Ubestream Inc.	Smart Cockpit
7	Carota Corporation	Smart Cockpit
8	eTreego Co., Ltd.	EV Charger
9	Fast SiC Semiconductor Inc.	Auto IC
10	Jmem Technology Co., Ltd.	Auto IC

# Exhibitors

No	Company Name	Product Categories
11	ELAN MICROELECTRONICS CORPORATION	Auto IC
12	Kneron (Taiwan) Co., Ltd.	Auto IC
13	Ennostar Inc.	Telematics
14	Sentec Green Technology Co. Ltd.	VCU, MCU, BMS
15	Taiwan Carbon Materials Corp.	VCU, MCU, BMS
16	Viettron Technology Co., Ltd.	VCU, MCU, BMS
17	HCMF Group	VCU, MCU, BMS
18	Lydsec Digital Technology Company Limited	Others
19	Turing Drive Inc.	Others

# Exhibition Floor Plan

- Smart Cockpit
- EV Charger
- Auto IC
- Telematics
- VCU, MCU, BMS
- Others







AUO Corporation



## Revolutionizing Under-Display Camera (UDC) Integration Technology in Smart Cockpit

AUO, an innovative, technology-driven company, specializing in display-centric solutions, is advancing its smart mobility and vertical solutions. In response to the global rise of electric and autonomous vehicles, AUO has developed Under-Display Camera (UDC) technology to enhance the driver experience. This innovation not only reinforces vehicle safety but also provides clear visual quality for cluster display.

**12.2" LCD**  
**True Under-Display Camera**

**Perfectly Hidden Camera Lens**  
Hidden Camera in LCD active area that can maximize screen space for a sleek, bezel-less design.

**Superior LCD Picture Quality**  
Delivers clear visuals and resolution for cluster information.

**Driver Monitoring System (DMS)**  
Captures high-clarity near-infrared raw images for enhanced monitoring.



Millilab Co., Ltd.



## mmWave Radar Sensing Expert

Millilab develops mmWave radar solutions for automotive and IoT. Our algorithm-driven in-cabin sensors for DMS, CPD, and SBR ensure privacy-focused accuracy, distinguishing adults from children.

The infographic features a central blue background with white concentric circles. At the top left, it says "OUR PRODUCTS" in white and teal. Below this, it lists "60 & 24 GHz Sensors for" followed by five hexagonal icons: Vital Sign Detection (heart with pulse), Presence Detection (person in a square), People Counting (three people with a question mark), Gesture Control (hands with a pulse line), and More Customized Functions (gears). In the center, the mLAB logo is displayed in white, with "mmWave Radar Sensing Expert" written below it. At the bottom left, it lists "ENGINEERING SERVICES" in white and teal, with five hexagonal icons: Prototyping (gears and a pencil), Software Development (gears and a location pin), Hardware Development (circuit board), Concept Consultation (speech bubble), and Mass Production (gears and a circular arrow). A "Turnkey Solutions" icon (key) is positioned above the Prototyping icon.



Chimei Motor Electronics Co., Ltd.



## The edge of the edge

CME's AI camera system, "The edge of the edge," integrates BSIS, MOIS, RVS, DMS, and CMS for real-time detection, reducing blind spots and enhancing driver awareness. It supports autonomous driving and ADAS, creating a connected vehicle ecosystem.







## FORM-CRYSTAL for Mini LED back light unit

With our patented tech, convert light profile from round to square has bring to live. Cover local dimming area for back light unit get simple and easy as follows.

### LIGHT PROFILE COMPARISON

TRADITIONAL BLU	FROM-CRYSTAL BLU
 OD10	 OD5
 COB light board	 POB light board
 LCD module	 Back light unit

Service Item

LED PKG   COB light board   POB light board

LCD module   Back light unit

LEARN MORE





## Pioneering the Future of Commercial Vehicle Safety

EverFocus powers public transits with AI-driven (ADAS) solutions globally like BSD & LDW. Also advancing smart cockpits to enhance human-machine interaction in large vehicles.

**Stay Mobile, Stay Safe**  
EverFocus: Your Trusted Partner for AI-Powered Commercial Vehicle Solutions

- Driver Assistance Systems
- BSD Electronic Mirrors
- Blind Spot Detection
- Lane Departure Warning



Ubestream Inc.



# Bridge Human-Machine ~ Smart Voice AI on Chip/Edge

- Internet-free lightweight Smart Voice AI on Chip
- Smart cockpit human-vehicle interactive interface
- Voice recognition AI biometric technology
- Voice interaction - Car's AI Bot assistant

**Bridge Human - Machines by Smart Voice AI on Chip, Edge & Cloud**  
Vertical Fields - Smart Vehicles / Electric Vehicles

- Internet-free lightweight Smart Voice AI on Chip
- Smart cockpit human-vehicle interactive interface
- Speech / Voice recognition AI biometric technology
- Car's AI Bot assistant for voice interaction
- Adjust the overall atmosphere of the cabin according to the preferences of the driver and passengers (e.g. seat angle, music, lighting, etc.)

**Ubestream Inc. Empowered MAX78000 MCU of ADI Scenario of Industry 4.0 :**  
Realization for AIoE :  
NLU Voice AI Deep Tech Company - Ubestream Implements the Novel Human Speech-driven Motor Embedded with ADI MAX78000 MCU and Tiny Voice AI on Chip for Energy Output to Control Everything

**CONTACT :**  
<https://ubestream.com>  
 +886 2 8751 5176  
 service@ubestream.com



eTreego Co., Ltd.



## Charge on the GO

eTreego provides all-in-one EV charging solutions with real-time monitoring, remote access, and fast charging for fleets, businesses, and homes-driving electric mobility forward.



Leading Charging Solution Provider



eTreego Co., Ltd.





fastSiC Semiconductor Inc.



# Expedite the shift of power systems from Si to SiC

fastSiC, a fabless semiconductor company with cutting-edge SiC technology, drives innovation in Datacenter, Energy Storage, EV, and more, revolutionizing power electronics.

**Expedite the transformation of power electronics from Si to SiC**

**400V – 750V**  
FL series: Design for consumer applications  
FF series: Design For industrial & automotive

**900V – 1200V**  
Maximize the efficiency and minimize the form-factor of industrial & automotive systems

**1700V –**  
Break the barrier of high-voltage applications

**7mΩ – 40mΩ**  
Suitable for >10kW power systems  
Bare dies are available for module requirement

**60mΩ – 190mΩ**  
Suitable for kW-level power systems  
Provide TOLL and multiple SMD solutions

**250mΩ – 3.5Ω**  
Suitable for <1kW power systems  
Optimize for some niche applications

Buy from Digkey | FastSiC Website



# JMEMTEK

Jmem Technology Co., Ltd.



## PUF Based PQC Hardware Security Chip

The first PQC security chip complies with NIST FIPS-203, FIPS-204 standards, and combines internally generated invisible key, enhancing cybersecurity protection to a higher level.

**JMEMTEK**

# PQC SECURITY CHIP

Jmem Tek is committed to providing **comprehensive hardware security chips** that combine software protection and hardware protection.

Our solution includes :

- ✓ Encryption algorithms that passed NIST standards to withstand quantum computing hacking.
- ✓ Unique identity authentication for chip data protection to prevent any unauthorized update.
- ✓ Protection of AI algorithms from illegal theft and tampering.

Jmem Tek offers security protection ranging from basic levels to quantum-grade defenses.



# ELAN MICROELECTRONICS CORPORATION

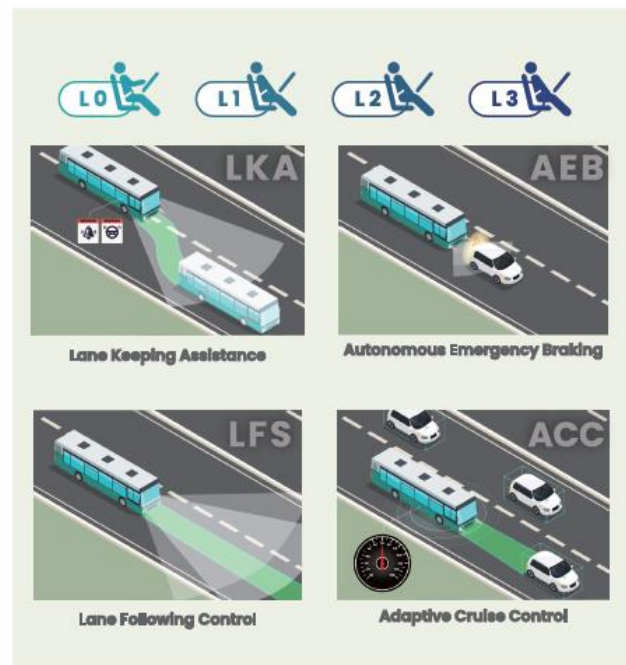


## L1/L2 AI ADAS

ELAN's L1/L2 AI ADAS for electric bus and electric logistics vehicle.

This AI ADAS system can support for driving safety :

- 1.Lane keeping Assistance (LKA)
- 2.Lane Following System (LFS)
- 3.Adaptive Cruise Control (ACC)
- 4.Autonomous Emergency Braking (AEB)
- 5.Emergency Steering Function (ESF)
- 6Automatic Lane Change Assistance (ALCA)
- 7.Automated Lane Keeping System (ALKS) (UNR157)





Kneron (Taiwan) Co., Ltd.



# Upgrade your products with Smart Driving.

Powered by Kneron's edge AI, our smart driving solution including RCD/RCTA/DMS is a driving assisting system with image enhancement and AI feature.

## Revolutionize your driving experience with our AI-powered smart camera solution

Powered by Kneron's cutting-edge NPU architecture and versatile AI models, our smart camera solution delivers unparalleled performance and accuracy. With advanced ADAS, DMS, and BSD capabilities, our solution ensures your safety on the road. Experience real-time alerts for forward collision, lane departures, driver drowsiness/distraction, and blind-spot monitoring. Our core technologies, including image processing pipeline, video recording, as well as detection features such as vehicle detection, people detection, and face recognition provide our customers an excellent integrated solution. Upgrade your products on customers' vehicles today and embrace the future of smart driving.

RCD/RCTA is a driving assisting system detects people or vehicle moving into warning area and alerts to driver in advance.

DMS is a driving assisting system detects driver behaviors that may cause road accidents

Power by OTUS





Carota Corporation



## Building a Global OTA Ecosystem for Automotive.

Carota provides comprehensive solutions for connected cars worldwide, supporting OEMs and aftermarkets with OTA updates, remote diagnostics, fleet management, and smart cockpits.





# Ennostar

Ennostar Inc.



## More than Vehicle

Ennostar provides intelligent optoelectronics integration technology and offers comprehensive automotive optoelectronics solutions with one-stop services, ranging from epitaxial wafers and chips to packages and modules.

**Ennostar**  
Comprehensive  
Automotive Optoelectronics  
Solution

Scan the QR Code  
to Learn More!

INTELLIGENT OPTOELECTRONICS  
INTEGRATION TECHNOLOGY

AMBIENT LIGHT  
EXTERIOR DISPLAY  
INTERIOR DISPLAY  
DMS  
ASB  
50M ↑  
HUD



Sentec Green Technology Co. Ltd.



# WBG Power Module Packaging OSAT & Mechatronics OEM Services

Sentec Green Technology provides power-train solutions, OEM, and Module OSAT services, promoting green energy adoption and carbon neutrality.



Sentec Green Technology Co., Ltd.

## Power Module OSAT (Ag Sintering)

## Heavy Micro-Mobility Solutions

SiC & GaN(WBG)

Open Tool Reference Design



Full SiC 6in1 (750V&1200V)  
Pin Fin Heatsink ~800A



Low Voltage Si 6in1 Module  
100V & 150V 400A



Motor



30kW 3in1 Mechatronics

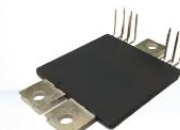


Motor Controller

Full SiC Dual Module  
750V & 1200V ~1000A  
1700V 500A~



Full SiC 62mm Module  
750V & 1200V 300A



Full SiC SSC 2in1 Module  
750V & 1200V 800A~



Full SiC Pack Module  
750V & 1200V 25A & 50A



DCDC

System Validation EMS & Motor OEM Service





# Taiwan Carbon Materials Corp.



## Taiwan Carbon Materials Corp.

# Advanced Thermal and Battery Solutions for EV Innovation

TCMC creates heat dissipation solutions for EV and AI industries, aiming to improve battery performance with advanced lithiumion materials and optimize thermal management to lower energy costs.

**Advanced Thermal and Battery Solutions for EV Innovation**

Driving Your EV Further, Economically - Highest Thermal Conductivity/Boosting EV Lithium-Ion Battery Range and Lifespan/Economical

Taiwan Carbon Materials Corp. (TCMC) manufactures tailored heat dissipation solutions for the automotive and AI sectors and develops lithium-ion battery materials. Optimizing heat management, boosting electric vehicle battery performance, reducing energy expenses, and decreasing carbon emissions.

- EV Charging Station**
  - Graphene-coated on PCB
  - Graphene-based composites for thermal dissipation
  - Compressible thermal sheets
- 5G Devices/Communications**
  - Thermal paint/grease
  - Thermal dissipation compounds
  - Graphene-coated on PCB
- IC/IGBT Power Module**
  - Graphene-Epoxy molding compounds
  - Compressible thermal sheets
  - Heat spreaders
  - Graphene-coated on PCB
- Sustainability**
  - All Carbon materials.
  - Recyclable
  - Bio-degradable
- High Thermal Conductivity Carbon-based Heat Spreaders**
- Highly Conductive Carbon Materials for Enhancing Driving Range and Cycle Longevity of Lithium-Ion Batteries**
- Carbon-based Conductive Circuits for Flexible Electronics**
- PCB Board**
- Stretchable Conductive Circuits**
- EMI Shielding**
- RFID**
- Flexible Electronics/Sensors**

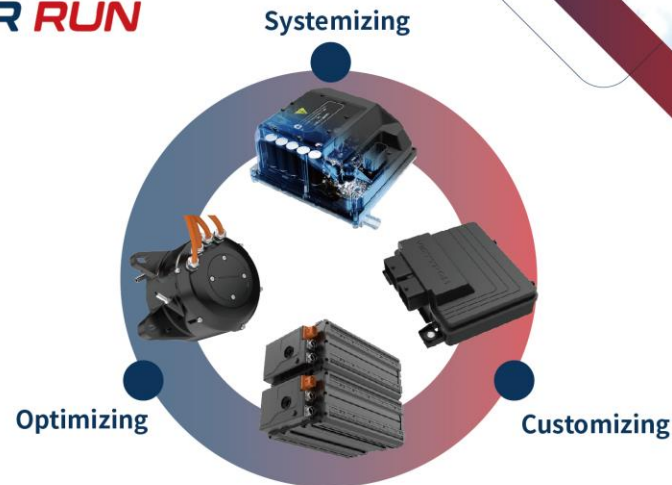




## Powertrain Power Run

Viettron Technology shares the expertise in systemizing, customizing, and optimizing the performance of electronics, electricity and energy control for light electric vehicles.

**POWERTRAIN**  
**POWER RUN**



### Viettron Technology Co., Ltd.

a total solution provider of light electric vehicles is located in New Taipei City Taiwan and engages in system integration and component development plus with the subsystems such as charging, power storage, AIOT, and PMS to compose LEV ecosystem services.





HCMF Group



## HCMF Create New Era for Vehicle Experience

HCMF Group, a Tier 1 automotive supplier, delivers innovative mechanical and mechatronic systems globally, backed by advanced R&D, efficient supply chains, and exceptional service.





Lydsec Digital Technology Co., Ltd.



## Keypasco unlocks your car with high security.

Keypasco MFA ensures only authorized access to your smart vehicle with device fingerprints at right time in the right location to protect it from theft and unauthorized use.

Keypasco

- Device fingerprinting and Two channel structure (Patented)
- Proximity (Patented)
- Private Key Splitting (Patented)
- Risk Engine
- Geo-location
- Time Management

unlock!

WATCH OUT!  
Your Car is Being Stolen

Unlock your car with just your phone, and receive an instant alert message when hacker wanna steal your car.



Turing Drive Inc.



## Automated Driving Systems

AutoDrive: Integrates perception, localization, planning, and control, while SyncDrive offers task and fleet management for a unified autonomous vehicle and operations solution.

The graphic features a dark blue background with a grid pattern. At the top right is the Turing Drive logo. Below it is a 3D isometric illustration of a city and industrial area, with labels for 'Future City', 'Industrial Areas', and 'Factory Operational'. The 'TURING' logo is also present on the illustration. On the left side, there are four horizontal panels, each with an image of a vehicle and a label: 'Low Speed Vehicle' (a white golf cart), 'Shuttle Bus' (a blue bus), 'Microbus' (a small blue car), and 'Special Vehicle' (a yellow truck). At the top left of the graphic are three circular icons: a smartphone with a location pin, a computer monitor with a person icon, and a map with location pins. At the bottom right, there is a 'LinkedIn' logo and a QR code.

# Stage Programs

Time		1/7(Tue)	1/8(Wed)	1/9(Thu)	1/10(Fri)
Morning	11:00-12:00	-	Guided Tour Time	Guided Tour Time	Guided Tour Time
Break	12:00-13:30	Exhibitor Video Slideshow			
Afternoon	13:30-14:00	Opening Ceremony	Millilab	Sentec	Exhibitor Video Slideshow
	14:00-14:30	Happy Hour (AUO)	EverFocus	eTrego	
	14:30-15:00	AUO	TMOE	Viettron	
	15:00-15:30	Ennostar	ELAN	HCMF Group	
	15:30-16:00	Jmem Technology	Happy Hour (ELAN)	Happy Hour (HCMF Group)	
	16:00-16:30	Kneron	Chimei Motor	Carota	
	16:30-17:00	TCMC	Ubestream		
	17:00-17:30	Lydsec	Turing Drive		



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