

# All-inclusive V2X Testing & Certification Solutions



# V2X



According to Precedence Research, by 2027, the V2X market size is expected to be worth around USD 12.93 Billion.

At the moment, DEKRA is the only laboratory in Taiwan that provides testing of two largest communication V2X technologies DSRC and C-V2X, also launched exclusive eCall testing in Taiwan.



DEKRA All-inclusive V2X Testing & Certification Solutions help you to be one step ahead, as well as to seize the trend and V2X business opportunities!



## Service Scope

chips, components, modules, terminal equipment and products, telematics boxes, GPS products, road side units, smart transportation systems, traffic controllers, signal controllers, license plate recognition systems, image sensors, LiDAR systems, etc.



## Service Item



### Mandatory Regulatory Testing:

- > EU 2015/758, EU 2017/79
- > EN16454 Conformance Testing



### DSRC Testing:

- > ITS-G5 (EN302 571)
- > OmniAir Certification



### Evaluation and Testing of Functional Safety and Cybersecurity:

- > ISO 26262 Evaluation and Testing
- > Automotive SPICE Evaluation
- > ISO 21434 Cybersecurity Evaluation and Testing
- > ISO/CD 24089 Software Update Engineering



### C-V2X Testing:

- > FCC Part 95, FCC Part 90, CE EN302 571
- > GCF WI-281, WI-282
- > 5GAA PC5/Uu Track and Laboratory Testing
- > OmniAir Certification



### Global Market Access Service:

- > Speeding up the entry into global market
- > More than 200 countries



### Value-added and Customized Service:

- > Expert consultations, failure analysis, improvement suggestions and solutions, etc.



### AE / EMC / RF Testing:

- > More than 20 Years Professional Experience



## About DEKRA Group

Founded in 1925 in Berlin as Deutscher Kraftfahrzeug-Überwachungs-Verein e.V. (German Motor Vehicle Inspection Association), DEKRA Group is today one of the world's leading expert organizations. In 2020, DEKRA generated sales totaling around 3.2 billion euros (estimated). DEKRA's branches is around the globe - currently it has branches in more than 60 countries on all six continents. DEKRA's services range from vehicle inspection and expert appraisals to claims services, industrial and building inspections, safety consultancy, testing and certification of products and systems, as well as training courses and temp work.

## About DEKRA Taiwan

DEKRA Taiwan has branches and offices in Linkou (New Taipei), Huaya (Taoyuan), Songshan (Taipei), East District and Zhudong (Hsinchu). DEKRA Taiwan provides one-stop testing and certification solutions including 5G, V2X, IoT, EMC/RF, Electrical Safety, Functional Safety, Cybersecurity, Rail Service, Global Market Access, and Reliability and Failure Analysis, etc.



DEKRA Taiwan Line@



## Contact Us

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