

## Development Platform for Next Generation Mobility and EV RoboCar® MEV

*Accelerating innovation in safety and environmental technologies with robotics technology.*

ZMP INC., located in Tokyo, Japan, released “RoboCar MEV”. It is a development platform for next generation mobility and electric vehicles (EV). Users can choose from three types according to their purposes and can begin to research and development easily at a reasonable price. The prices start from, 2.88 million yen (excluding tax).

RoboCar® MEV: <http://zmp.co.jp/e-nuvo/jp/robocar-mev.html>



### [Background and issue]

Recently, the shift to the low-carbon society becomes the international challenge. The attention to EV rises, and the commercialization of EV is extending all over the world including Western nations and developing countries. We believe that the differentiations other than the performance of the motor and the battery will be required in the future. “RoboCar MEV” offers the following solutions toward such an issue .

### [RoboCar MEV Solutions]

#### 1. R&D of distinctive new functions to EV

“RoboCar MEV” is a robot-car platform with the system integration of sensors, controllers, and motors. “RoboCar MEV” makes it possible to research and develop new technologies and applications relating to various fields such as the environment, safety, infrastructure, information- communication, and so on. It is an ideal platform for efficient and effective R&D.

#### 2. R&D of new concept mobility

New motilities can be researched and developed with "short trips" and "mobility for the elderly" as the theme, for instance. RoboCar MEV makes it possible to research and develop technologies which supplement and support senior citizen's reflexes and moving abilities, and technologies relating to driving support, preventive safety, improving comfort, and so on.

### [Three models]

#### ✓ **Type A 2.88 million yen**

- DBW (Drive-by-Wire)
- Speed control.
- Moderation control by the regenerative brake.
- Highly accurate speed sensor: measurable at a resolution of every 1-2 centimeters with the highly accurate vehicle speed sensor installed on the wheel.

✓ **Type B 4.88 million yen**

The following are added to Type A.

- SBW (Steer by Wire)
- The steer control

✓ **Type C 6.88 million yen ~**

All-in-one type. The following are added to Type B.

- BBW (Brake-by-Wire)
- Stereo camera “RoboVision”
- Inertial measurement unit “IMU-Z”

	Type A 2.88M Yen	Type B 4.88M Yen	Type C 6.88M Yen-
DBW (Drive-by-Wire)			
Highly accurate speed sensor			
SBW (Steer-by-Wire)			
BBW (Brake-by-Wire)			
Sensor (RoboVision, IMU-Z)			

: Optional

Available in two-seat type (Optional)

Prices are for the Japanese market, and excluding tax.

Inquiries and orders:

Nobuko IMANISHI, ZMP INC.

TEL: +81-3-5802-6901 / FAX: +81-3-5802-6908

E-Mail: [e-nuvo@zmp.co.jp](mailto:e-nuvo@zmp.co.jp)