Hitachi’s human symbiotic robot was given enhanced mobility and voice recognition features to facilitate its application as a guide or surveillance robot in a real world environment such as offices and hospitals.

**Enhanced EMIEW 2**

- Overcome bumps, discriminate human voice from noise -

**Feature**

- Size: W:300×D:250×H:800 (mm)
- Weight: 14kg
- Moving system: Two wheel and four wheel transformation system
  - Active suspension system
- Maximum speed: 6km/h
- Maximum acceleration: 2m/s²
- Degree of freedom: 25 D.O. F
  - (The number is robot’s joint)
- Operation time: about 1.5 hours
- Speech recognition: Remote speech recognition by the 14 channel-microphone array
- Self location recognition: Scan matching by laser scanner

**A word from the development team**

We will conduct demonstration experiment to come in useful for everyone.
We are looking forward to seeing you at Hitachi uVALUE convention on 22nd - 23rd July in Tokyo International forum.

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