

Utility Vehicle for Search version IV: UVS IV

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Abstract. We introduce ourselves with description of background and image of robot system as the participant of RoboCup 02 Rescue Robot Competition.

On January of 1995, Great Hanshin-Awaji Earthquake hit our Kobe area and over 6500 peoples were killed. This disaster taught us there was no useful rescue robot in Japan, the highest robot population density country in the world. After that we started to study on utility robots for rescue. Figure 1 shows the image that we plan to make. To use in this system, utility vehicle for search, UVS-IV is currently developed.



Figure1 Image of Rescue system