

Press release

tmsuk co., LTD.
ALACOM CO., LTD

New security robot equipped with net launcher “ T-34 ” controlled by cellular phone is newly developed.

Collaborated with Tmsuk, robotics venture and Alacom, security company.

Tmsuk Co., Ltd. and Alacom Co., Ltd. have co-developed the new security robot which is controlled by cellular phone. Tmsuk and Alacom started this project supported by the Ministry of Economy, Trade and Industry which has promoted creating next generation service robot during 2006 -2007.

Although the security system at the office building are almost mechanized, when emergent things happen, it is not enough mechanized to check the emergent site quickly and to react for the first measure.

Security robot would allow to react to the emergency quickly and appropriately. Furthermore security robot acts as a substitute of guard and saves human guard. Additionally fixed mechanical sensor sometimes informs miss alarm and monitoring where emergent things happen by security robot would be more efficient for the security center work.

So the basic developing plan was introducing self -moving robot into security system and secondly we have targeted to realize developing security robot earlier with cheaper initial introducing cost. Especially we have focused on easy installation for security system without LAN where robot works by itself. It makes our prototype of security robot controlled by cellular phone.

Below are special features of security robot.

- 1 If the sensor on the robot reacting to human heat or to sound finds any emergent things, the robot calls up automatically to cellular phone.
- 2 Possible to control the robot from anywhere while watching real time visual.
- 3 Equipped with net launcher which catches dubious character, made by Nippon koki Co., Ltd.
- 4 Maximum moving speed is 10km /hour.
- 5 No need buy big system, only introducing single robot with cellular phone.

Tmsuk has already developed and sold “ Roborior ” (<http://www.robrior.com/>) which is home security robot. T-34 prototype is the high end model for building or warehouse.

Tmsuk and Alacom are targeting to realize the actual robot for security business cooperatively while creating new ideas and studying the market, even after completing the first prototype of security robot.

- * Specs of prototype
W:520mm H:600mm D:600mm Weight:12kg
Wheel drive, Visual input: camera, Sensor for Human heat and for sound, Net launcher(Nippon -koki)
(<http://www.nippon-koki.co.jp/>)



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