

Sensing Town Activities

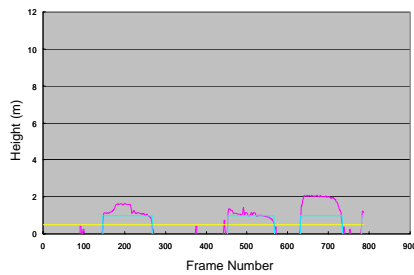
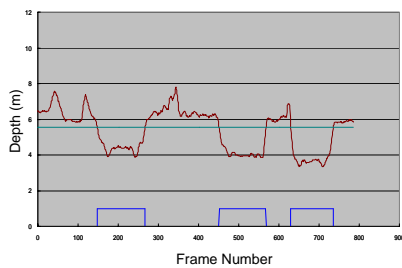
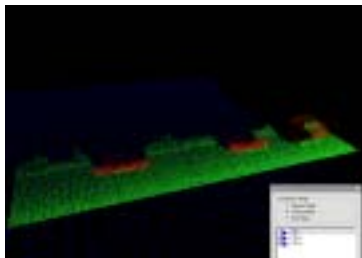
Shintaro Ono, Seika Zhu, Kiyotaka Hirahara, Masataka Kagesawa,
Shunsuke Kamijo, Katsushi Ikeuchi

Our Probe Car : Cameras, Laser sensors, DGPS, Gyro, PC, Power unit

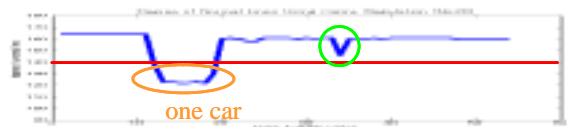
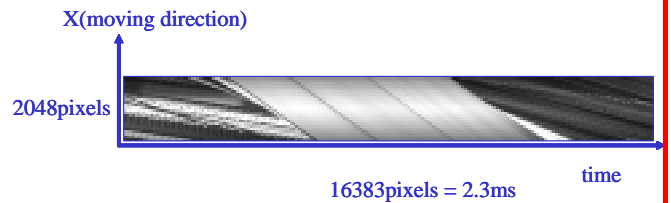


Street-Parking Vehicles Detection

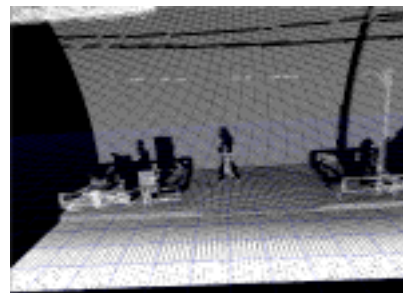
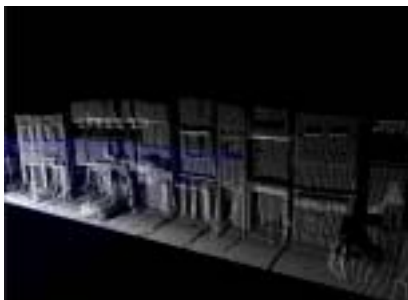
Using Scanning Laser Range Sensor



Using Line Scan Camera



Sensing Various Town Activities



Reference:

S.Ono, M.Kagesawa, K.Ikeuchi, "A Probe Car for Parking-Vehicle Detection by Using Laser Range Sensor," IV2002, June 2002 (to appear)

K.Hirahara, M.Matsuda, S.Kamijo, K.Ikeuchi, "Detection of Street-Parking Vehicles Using Line Scan Camera", ITSWC2002, Oct 2002 (to appear)