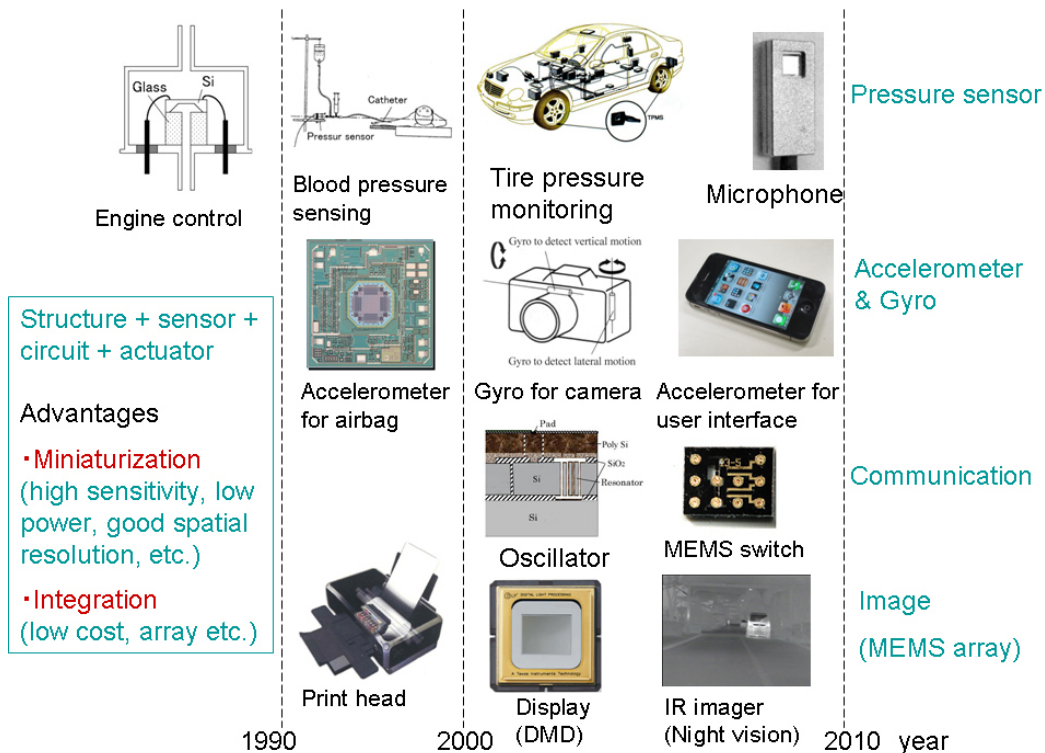


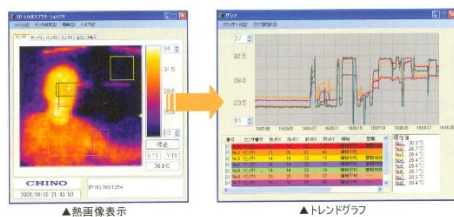
1 What is MEMS ?



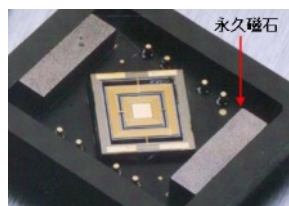
Trend of MEMS (Micro Electro Mechanical Systems) product



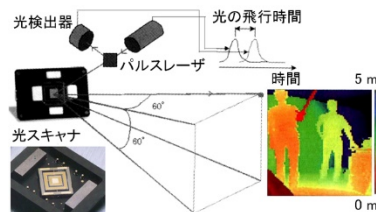
Compact thermal image sensor (Infrared imager) (Chino Ltd.)



Infrared imager for smartphone (FLIR (USA))



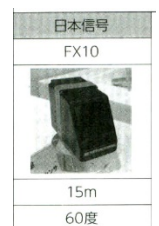
2 axes optical scanner (Nippon signal, Tohoku Univ.)



Range imager (Nippon signal)

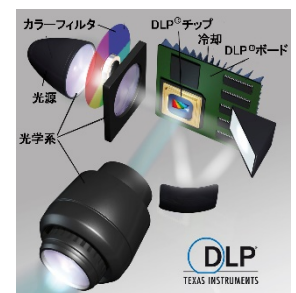
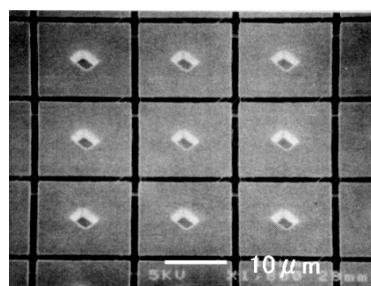
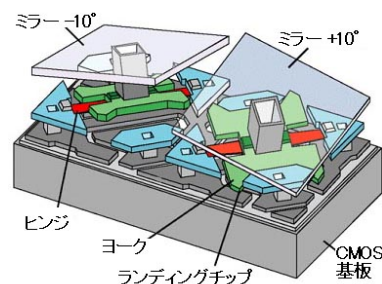


Application to platform door (JR Ebisu station)



Application to LIDAR

(N.Asada et.al., IEEE Trans. on Magnetics, 30 (1994) 4647) (T. Ishida, Technical Report in Japan Signal, 33 (2009) 41)



Mirror array for video projector DMD (Digital Micro mirror Device) (Texas Instruments (USA))