

b) Market Size and Application

(1) Infrared Sensor

The market size of infrared sensor is as follows.

(Estimation based on the data obtained from the Murata personnel in charge of SS Sensor and from the Central Laboratory of Sanyo Electric Co., Ltd.)

1) Volume

(Unit: 1,000 pcs)

Type \ Year	1983	1984	1985 (prospect)	1984 Ratio
Infrared sensor	4,536	5,720	7,104	100
Thermal type sensor	4,296	5,420	6,744	94.8
Pyroelectric sensor	4,200	5,300	6,600	(92.7)
Others	96	120	144	(2.1)
Grain type sensor	240	300	360	5.2

2) Value

(Unit: 100 yen)

Type \ Year	1983	1984	1985 (prospect)	1984 Ratio
Infrared sensor	28	34	40	100
Thermal type sensor	25	30	36	88.2
Pyroelectric sensor	24	29	35	(85.3)
Others	1	1	1	(2.9)
Grain type sensor	3	4	4	11.8

Demand for infrared sensors has remarkably increased since 1982 when the manufacturers of weak current electric appliances adopted them for producing security products.