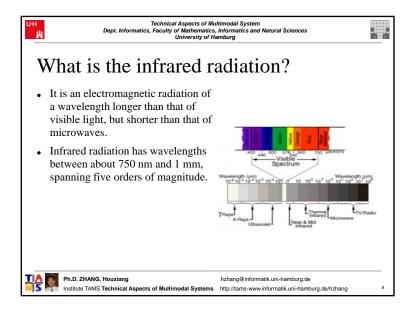


Kinds	Purposes	Number	Photo
Color sensor	Detect black and white	2	
Object sensor	Detect objects in front	2	
Light sensor	Detect an illuminant object such as a candle or a lamp	2	72
Touch sensor	Switch	2	



frared sensor						
Radiation	Wavelength (Angstroms)	Wavelength (centimeters)	Frequency (Hz)	Energy (eV)		
Radio	$> 10^{9}$	> 10	< 3 x 10 ⁹	< 10 ⁻⁵		
Microwave	10 ⁹ - 10 ⁶	10 - 0.01	3 x 10 ⁹ - 3 x 10 ¹²	10-5 - 0.0		
Infrared	106 - 7000	0.01 - 7 x 10 ⁻⁵	3 x 10 ¹² - 4.3 x 10 ¹⁴	0.01 - 2		
Visible	7000 - 4000	7 x 10 ⁻⁵ - 4 x 10 ⁻⁵	4.3 x 10 ¹⁴ - 7.5 x 10 ¹⁴	2 - 3		
Ultraviolet	4000 - 10	4 x 10 ⁻⁵ - 10 ⁻⁷	7.5 x 10 ¹⁴ - 3 x 10 ¹⁷	3 - 103		
X-Rays	10 - 0.1	10-7 - 10-9	3 x 10 ¹⁷ - 3 x 10 ¹⁹	103 - 105		
Gamma Rays	< 0.1	< 10'9	> 3 x 10 ¹⁹	$> 10^{5}$		
	-	-				
				- 10		

