

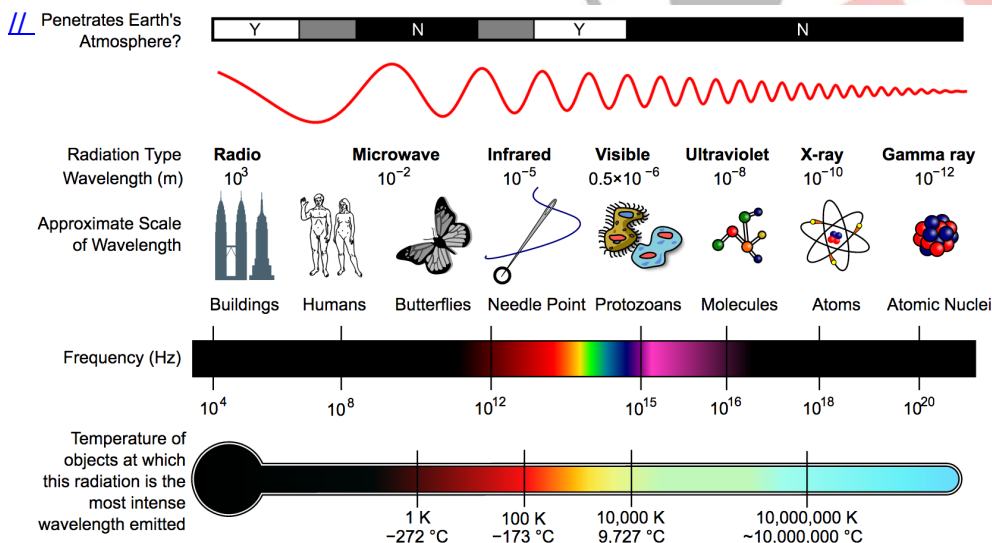


Camera Shows How Animals See Motion

Source: TH

Recently, researchers in the US have put together a **new camera with the ability to view the world like animals do.**

- The specialised cells that respond to the light, called **photoreceptors**, are unique to each animal. For example, while **human eyes can detect only wavelengths of light in the visible range** (between 380 and 700 nanometres (nm)), **honey bees and many birds can also perceive ultraviolet light** (10-400 nm).
- Animals use colours to intimidate their predators, entice mates or conceal themselves. Detecting variations in colours is thus essential to an animal's survival.
- Animals have evolved to develop highly sensitive photoreceptors that can detect light of ultraviolet and infrared wavelengths.



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