

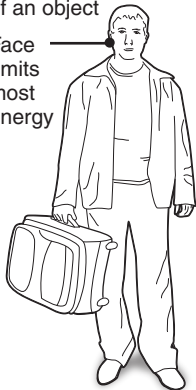
Spotting the flu

Some airports are using thermal imaging cameras to see if travelers have fevers.

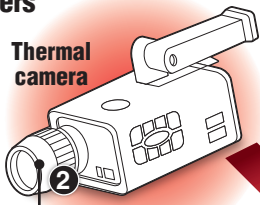
Screening passengers

1 Infrared energy is emitted relative to the temperature of an object

Face emits most energy



Thermal camera



2 Energy focused onto infrared lens

Pointer shows hottest point on screen; area shown in red

Information transferred into a **thermogram** or a temperature pattern image



Not a perfect screen

- A fever doesn't mean the flu
- Running for a flight increases body temperature
- Airports must do further screening once passengers with higher temperatures are detected