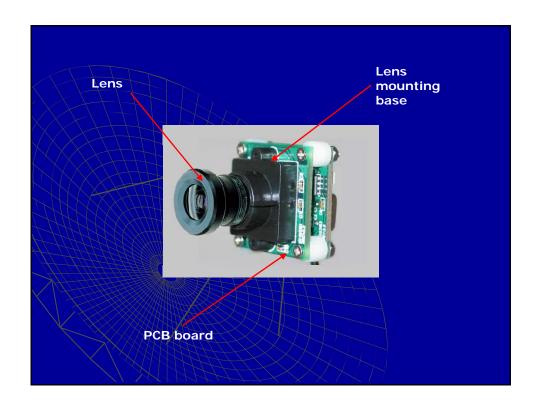
Payload & Imaging

- **♦**Design Considerations
 - Visible and NIR bands
 - At least 1m resolution
 - Coverage of whole Temple Campus

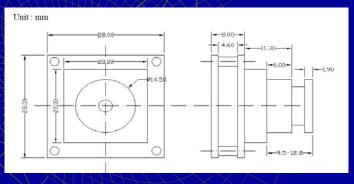
(from the Baseline Requirements)





- Small in size.
- Low-cost \$149.00
- Low-power 5.0V 200mA
- USB 2.0

- 1280 × 1024 array
- 1.3 Mega pixel
- CCD level quality sensor support visible, Infrared



Specifications

- ◆ Size: 28 x 28 x 32 mm
- ◆ Lens: F2.0, f1.9mm
- Operation voltage: 5.0V, 200mA

(USB bus power)

- ◆ Pixels: 1280 x 1024
- ◆ Mass: 150 g
- ◆ FOV: Horizontal 107° Vertical 78°
- Spectral Response: 400 ~ 1000 nm

