
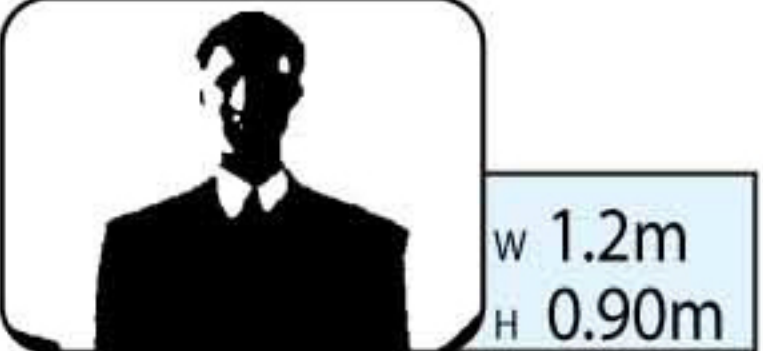
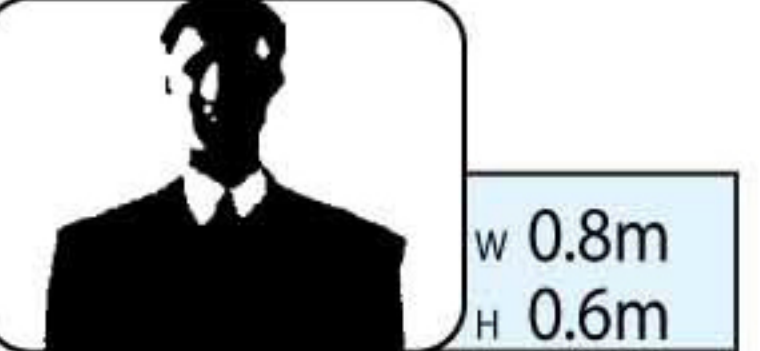
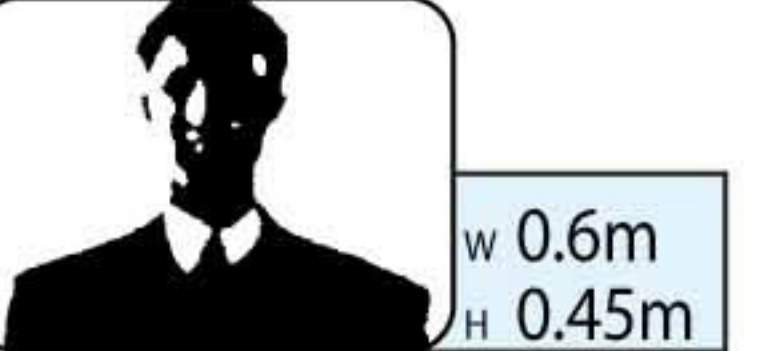
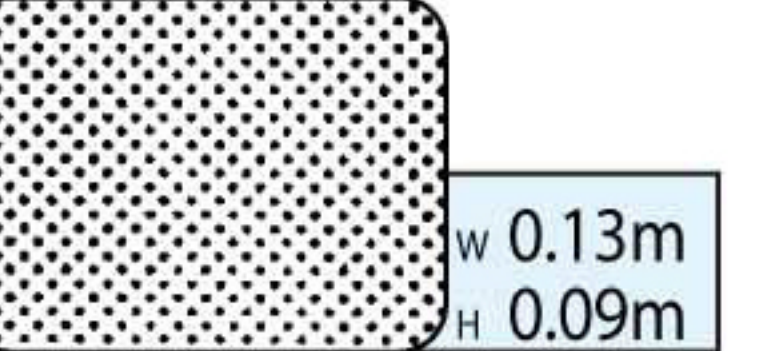
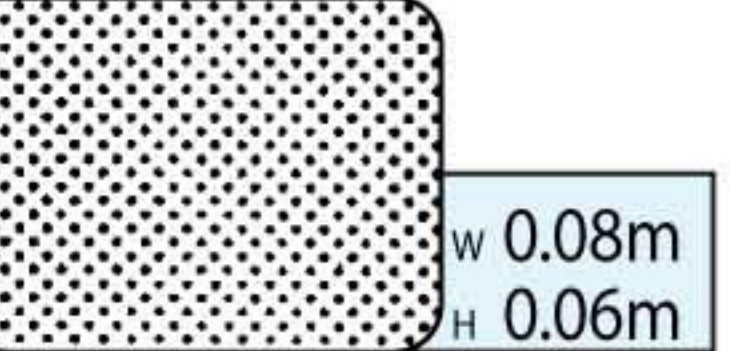




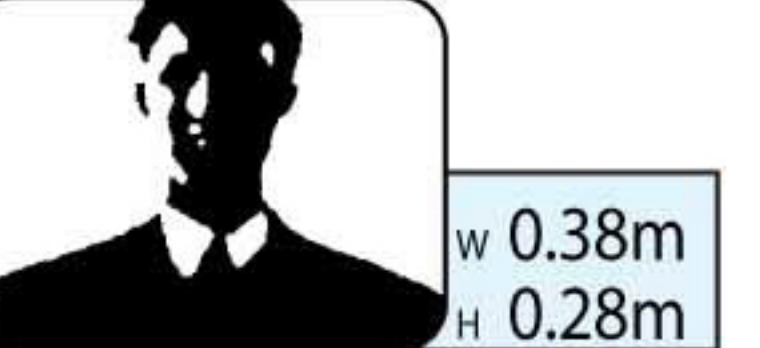

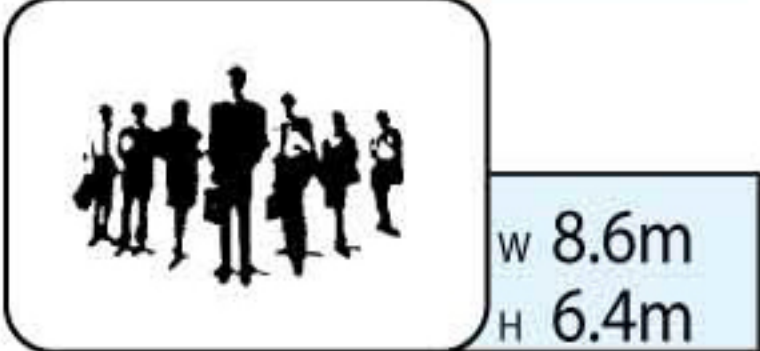



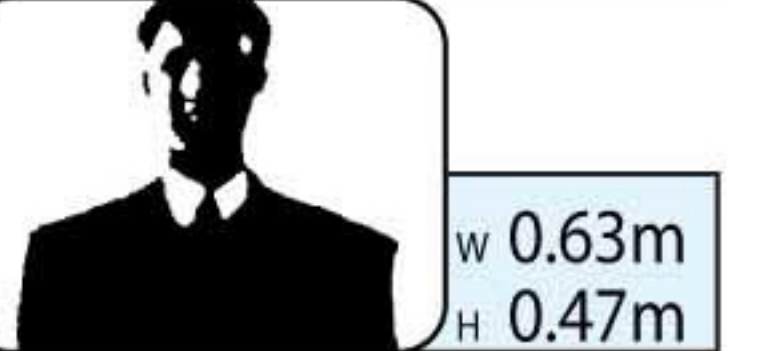
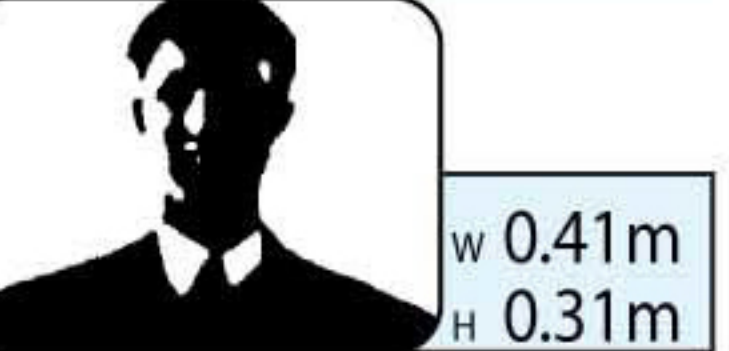
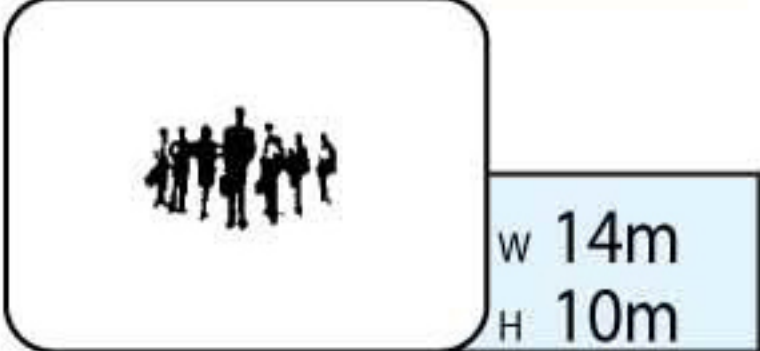
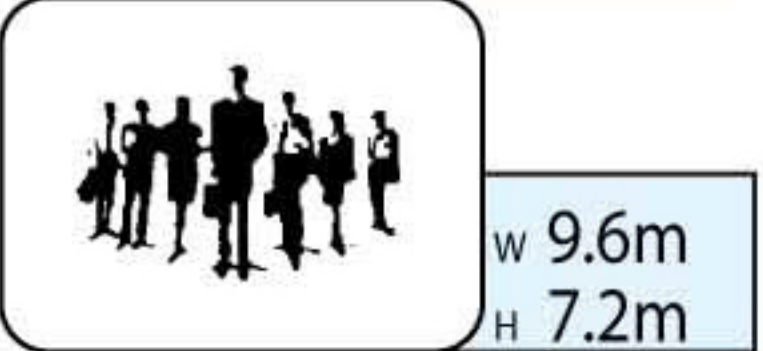


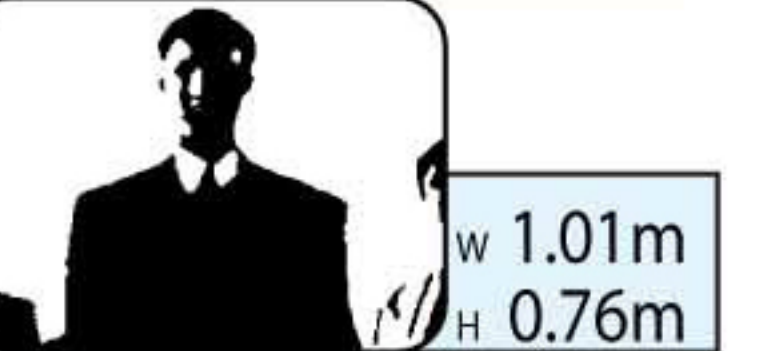
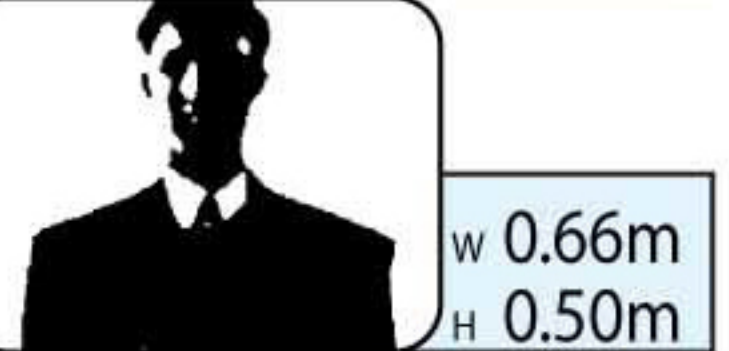


## lens for 1/3" CCD camera

	Super wide angle f=2.8 mm	Wide angle f=4 mm	Wide angle f=6 mm	Standard f=8 mm	Telephotographic f=38 mm	f=58 mm
	VA-13FG28IR	VA-13FG04IR	VA-13FG06IR	VA-13FG08IR		
	VA-13VG2811ASIR					
	VA-13VG550T-LY *Nearest distance: 1.0 m Wide 0.3 m					
					VA-13VG308AS	VA-13VG308ASIR
Distance between lens and subject	 w 1.7m H 1.3m	 w 1.2m H 0.90m	 w 0.8m H 0.6m	 w 0.6m H 0.45m	 w 0.13m H 0.09m	 w 0.08m H 0.06m
3m	 w 5.1m H 3.9m	 w 3.6m H 2.7m	 w 2.4m H 1.8m	 w 1.8m H 1.4m	 w 0.38m H 0.28m	 w 0.25m H 0.19m
5m	 w 8.6m H 6.4m	 w 6.0m H 4.5m	 w 4.0m H 3.0m	 w 3.0m H 2.3m	 w 0.63m H 0.47m	 w 0.41m H 0.31m
8m	 w 14m H 10m	 w 9.6m H 7.2m	 w 6.4m H 4.8m	 w 4.8m H 3.6m	 w 1.01m H 0.76m	 w 0.66m H 0.50m
10m	w 17m H 13m	w 12m H 9m	w 8m H 6m	w 6m H 4.5m	w 1.26m H 0.95m	w 0.83m H 0.62m
20m	w 34m H 26m	w 24m H 18m	w 16m H 12m	w 12m H 9m	w 2.5m H 1.9m	w 1.7m H 1.2m
30m	w 51m H 39m	w 36m H 27m	w 24m H 18m	w 18m H 14m	w 3.8m H 2.8m	w 2.5m H 1.9m
50m	w 86m H 64m	w 60m H 45m	w 40m H 30m	w 30m H 23m	w 6.3m H 4.7m	w 4.1m H 3.1m
100m	w 171m H 129m	w 120m H 90m	w 80m H 60m	w 60m H 45m	w 12.6m H 9.5m	w 8.3m H 6.2m

\*Images produced by the camera may differ slightly from above images

## Image Range Formula

Combination of 1/3" CCD camera and lens

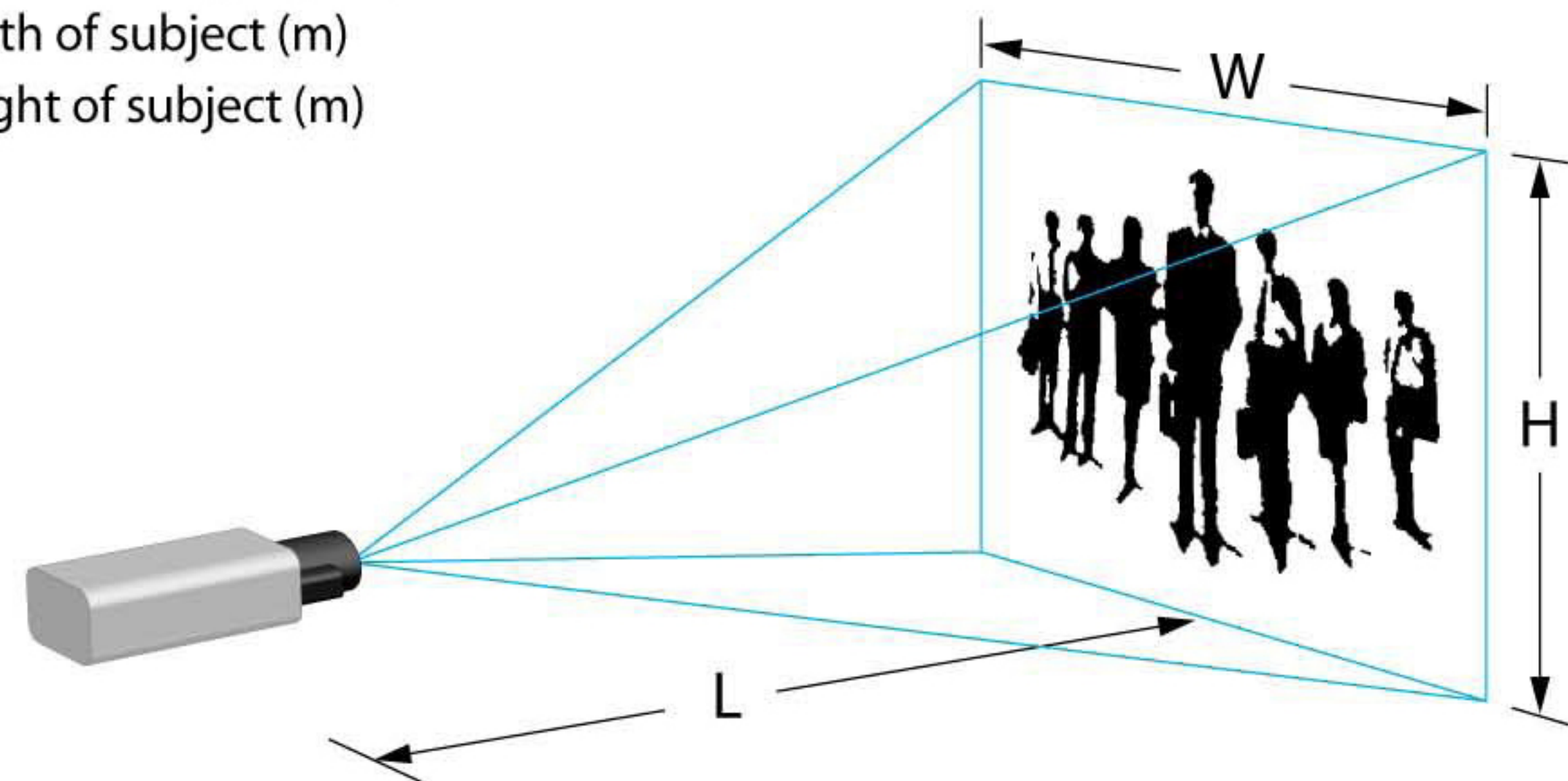
- Width (m) of subject that can be shot =  $\frac{4.8 \times L}{f}$
- Height (m) of subject that can be shot =  $\frac{3.6 \times L}{f}$

L : Distance between lens and subject (m)

f : Lens focal length (mm)

W : Width of subject (m)

H : Height of subject (m)



\*Actual shooting range may be smaller due to TV over scanning.