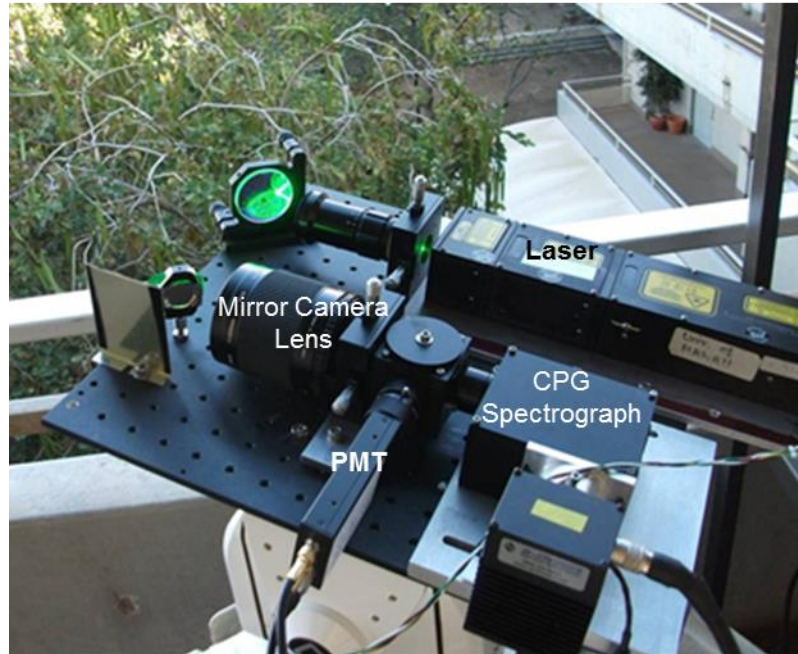


# Combined Raman, Atmospheric Lidar, Laser-induced Fluorescence (RALLF) System with Mini-ICCD and Mirror Telephoto Camera Lens

Raman-LIF mode



Atmospheric Lidar mode



Table 1. Dimensions of various components of RALLF.

Component	Dimension	Weight
1. Telescope	7.5 cm(outer dia.) x 10.0 cm (l)	314 g
2. Spectrograph	10.0 cm (l) x 8.2 cm (w) x 5.2 cm (h)	571 g
3. Mini-ICCD	7.5 cm (l) x 6.0 cm (w) x 8.3 cm (h)	620 g
4. Gated PMT	10.0 cm (l) x 5.0 cm (w) x 2.0 cm (h)	120 g