

Type: not specified

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The telescope is composed of a spherical primary mirror, a small spherical mirror, a corrector lens, and Photon detection plane. The optical system can fit the tube-like envelope with 394 mm diameter and 350 mm length. It is inclined by 67.5 deg. with respect to nadir, having an optical axis pointing towards the Earth limb. The photon detector plane is conceived to detect the photons from below and above the limb. It has a rectangular shape with a 2×5 aspect ratio. The camera is composed of 10 SiPM arrays (8×8) pixel each and 3×3 mm² pixel size. The telescope have 7 deg. Field-of-View this corresponds to 0.18 deg. per pixel. It can observe the vast volume of the atmosphere with 140×360 km in cos-section.

Track Classification: Space Applications