

DS-2MA8982G0-GL**Hyperspectral Fourier gas telemetry imaging camera**

- Telemetry imaging of more than 490 toxic and harmful gases to achieve qualitative and quantitative imaging
- Michelson interferometer structure with high signal-to-noise ratio
- Dual-light imaging, spectral image and RGB image overlay
- 0-2km telemetry distance, no contact required
- No artificial light source is required, background and atmospheric radiation are used

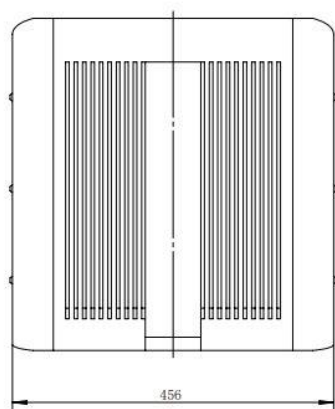
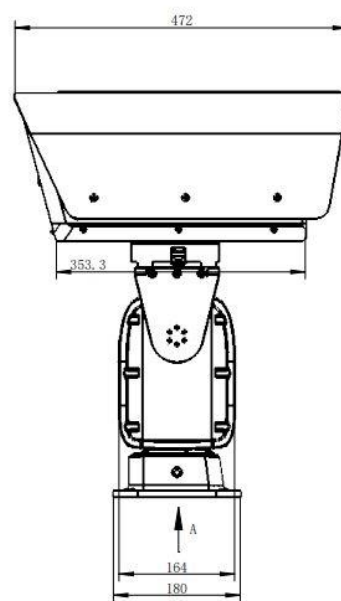
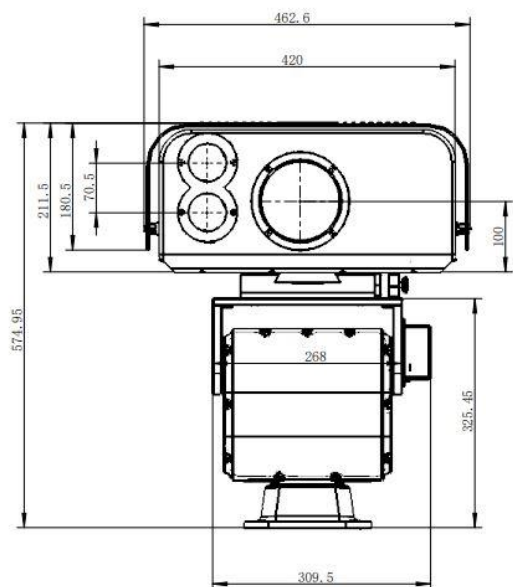
▪ Specifications

Hyperspectral	
Instrumental indicators	Indicators Monitoring substance components: monitoring gas types of alkanes (methane, ethane, propane, butane, etc.), alkenes (ethylene, propylene, vinyl chloride, etc.), aldehydes (formaldehyde, etc.), ammonia (ammonia, etc.), sulfides (sulfur hexafluoride, sulfur dioxide, hydrogen sulfide, etc.), alcohols (methanol, etc.), ketones (acetone, etc.), esters (methyl esters, etc.), acids (acetic acid, etc.) and other more than 490 kinds of gases, which can be customized according to actual needs The telemetry distance is 0-2km, and other distances can be customized Detection limit better than 10ppm*m (SF6 as an example) Indication error ≤5% Repeatability ≤5% Measuring speed ~10 bars/sec@4cm-1 Noise equivalent temperature difference 20mK Noise equivalent radiance $\leq 4.5 \times 10^{-9} \text{ W}/(\text{cm}^2 \cdot \text{sr} \cdot \text{cm}^2)^{-1}$ Spectral resolution 1cm-1, 4cm-1 Measurement bands 2-16μm Visible light resolution 8 million Scanning range: horizontal 360°, tilt -30°~+30°, accuracy level 0.01°~20°/s; Pitch 0.01°~5°/s. Detector refrigeration method: Stirling refrigerator IR spectral field of view 7.5 mrad (other fields of view can be customized) Interferometer High seismic interferometer with independent intellectual property rights Beam splitter ZnSe Operating temperature: -20C°~+55C° Dimensions ~462×472×580mm; Degree of protection IP66 Operating power supply 220V Power consumption 150W WEIGHT 54KG

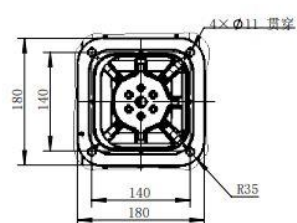
▪ Order model

DS-2MA8982G0-GL

▪ Dimensions



视图 A



见远 行更远

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国内公众号



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