

## 1. Overview

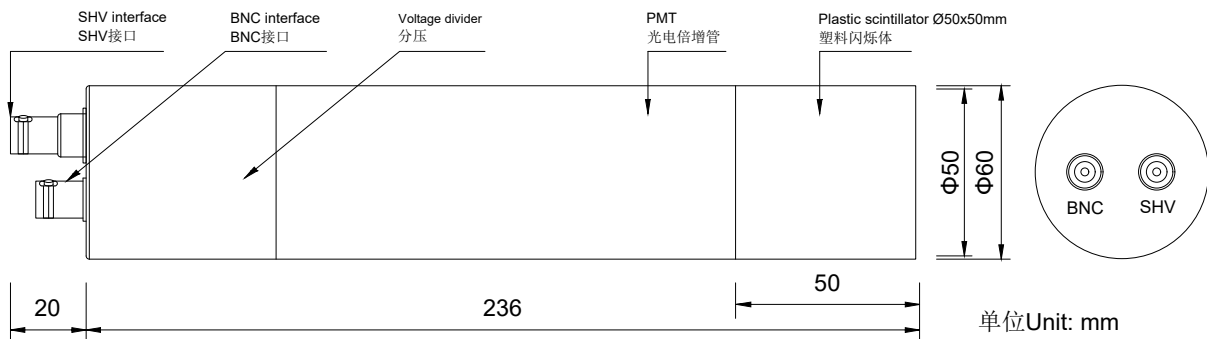


EPS-D50H50VD01 scintillator detector is composed of 2-inch plastic scintillator, photomultiplier tube, and voltage divider. Due to its high sensitivity, flexible matching, simple use, and stable performance, it is widely used in radiation protection, site monitoring, nuclear medicine, nuclear power plants and other fields.

## 2. Main technical parameters

- ▶ Application voltage ..... 0~+1250V
- ▶ Effective size of scintillator .....  $\Phi 50 \times 50 \text{mm}$
- ▶ Interface type ..... BNC、SHV
- ▶ Energy response ..... 30keV-3MeV
- ▶ Work environment Temperature ..... 0~+40℃
- ▶ Storage environment Temperature ..... -20~+60℃
- ▶ Storage environment Humidity ..... <90%RH

## 3. Outline Dimensional Drawing



### Wiring Instructions

Interface type	SHV interface	BNC interface
Port definition	0~+1250V power supply	Signal interface