



AIT-T20 Irradiation Sensor



Professional technical team



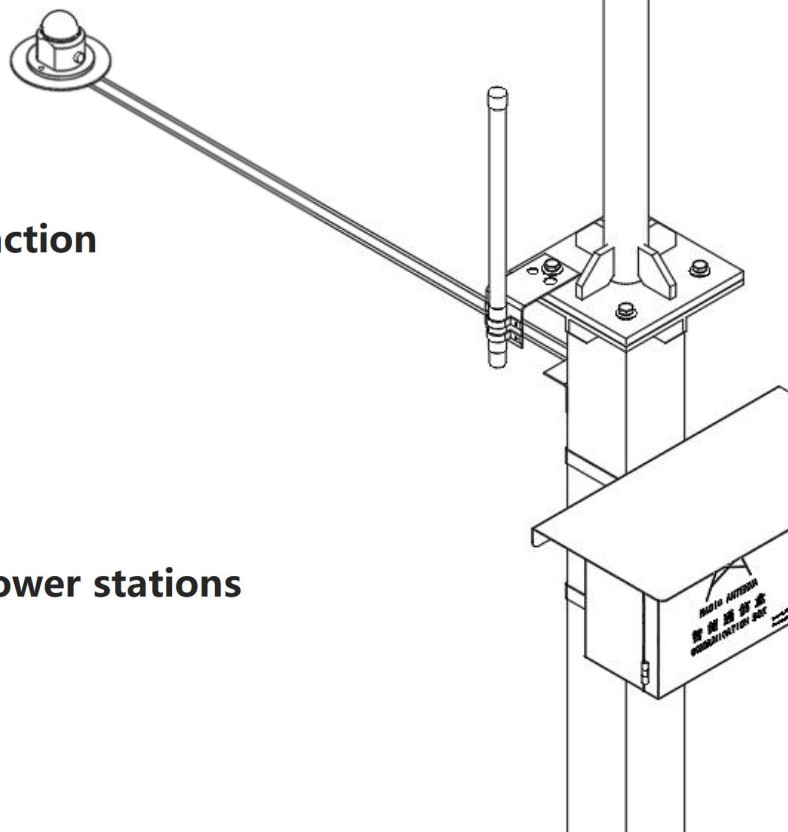
Convenient man-machine interaction



Safe and durable



Intelligent algorithms enable power stations



www.zeyang-ai.com

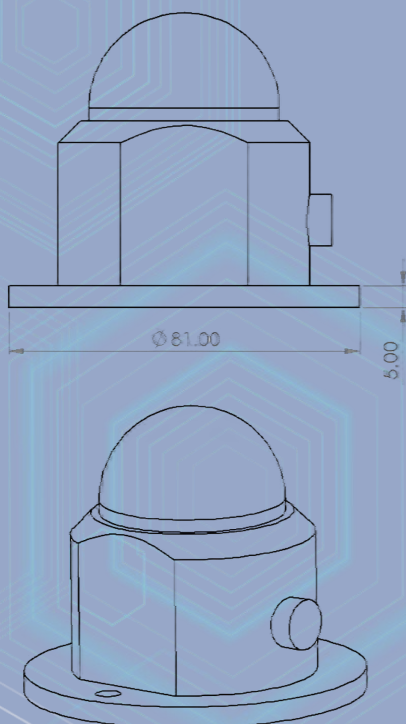


7F01, Zone B, Haobang Shou Smart Park, Sanshui District, Foshan City, Guangdong Province



sales@zeyang-ai.com

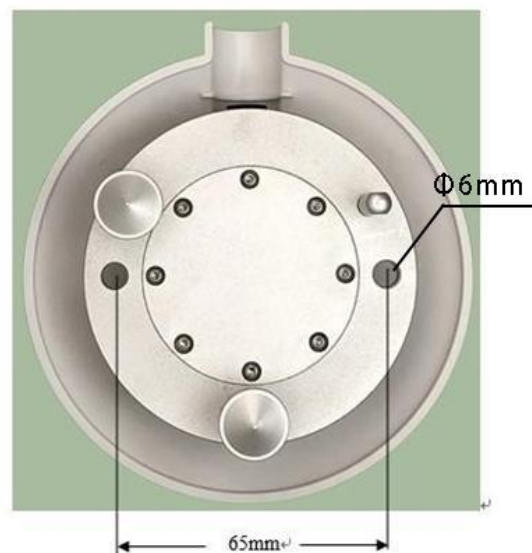
AIT-T20



AIT- T20 Irradiation Sensor Datasheet

Technical Parameters

Responsetime(95%response)	<20S
Zero-point offset The response to a 5K/h change in ambient temperature	<2W/m ²
Annual stability error	≤2%
Nonlinear error	<2%
Directional error	<30W/m ²
Temperature response error(-10℃ to+40℃)	<6%
Tilt response error	<1.5%
Working temperature	-40℃~+85℃
Internal resistance	<50 Ω
Measurement range	0~2000W/m ²
Spectral range(50%transmittance)	280mm~3000mm
Signal output	RS485
Power supply (V)	DC12V
Sensitivity range	≥7 μV (W/m ²)
Weight(excluding signal cable)	0.8kg
Protection grade	IP67
Whether the desiccant needs to be replaced	NO
Calibration traceability	Traceability WRR
Suggested calibration cycle	Once every two years



Guangdong Zeyang Intelligent Technology Co.,Ltd

①7F01, Chuangyan Headquarters,
Zone B, Haobang Shou Smart Park,
Sanshui District, Foshan City,
Guangdong Province

☎ +86 17340557898

✉ sales@zeyang-ai.com

🌐 www.zeyang-ai.com