

PD111 Pyrometer



The HIKMICRO PD111 high-performance pyrometer is an excellent choice for harsh industrial environments to measure high temperature and generate alarms, which is designed to be flexible and easy-to-install. It features a 2.4" OLCD screen with resolution 600*448 and can measure temperatures from 1000°C~3200°C(1832°F~5792°F) with high accuracy.

- Temperature measurement range: 1000°C~3200°C(1832°F~5792°F)
- Accuracy: ±(0.3%*Tmea+1)°C or ±(0.3%*Tmea+1.8)°F , Tmea means "Current measured temperature"
- Resolution: 0.1°C/0.18°F
- Repeatability: ±(0.1%*Tmea+1)℃ or ±(0.1%*Tmea+1.8)°F, Tmea means "Current measured temperature"
- Optical Resolution (D:S): 300:1(90% energy)
- Spot Size: 2mm
- Focus Range: 0.6m~INF
- 2.4" OLCD screen with resolution 600*448
- Protection Level: IP65
- 3 Ways of Sighting: Laser, visual display, eyepiece



• Specification

Spectral Response 0.8μm~1.08μm Temperature Range 1000°C~3200°C(1832°F~5792°F) Accuracy ±(0.3%*Tmea+1)°C or ±(0.3%*Tmea+1.8)°F, Tmea means "Current measured temperature" Resolution 0.1°C/0.18°F Repeatability ±(0.1%*Tmea+1)°C or ±(0.1%*Tmea+1.8)°F, Tmea means "Current measured temperature" Optical Resolution (D:S) 300.1 (90% energy) Spot Size 2mm Response Time 1ms Slope 0.850 ~ 1.150 Emissivity 0.100 ~ 1.100 Sighting Laser, visual display, eyepiece Signal Processing Averaging mode, temperature filter mode, peak/valley hold mode Focus Range 0.6m~INF Visual Temperature filter mode, peak/valley hold mode Pocus Range 0.6m~INF Visual Temperature filter mode, peak/valley hold mode Pocus Range 0.6m~INF Visual Temperature filter mode, peak/valley hold mode Pocus Range 0.6m~INF Visual Sea*1944 Data Communication Supports proportional output, 16-bit resolution, max load 600Ω - Interface: 4-20mA - Output Types: 4-20mA/0-20mA/0-5V/0-10V	Measurement Specifications	easurement Specifications				
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Shock 15 g, IEC 60068-2-27	Vibration	1 g, IEC 60068-2-6				
	Shock	15 g, IEC 60068-2-27				

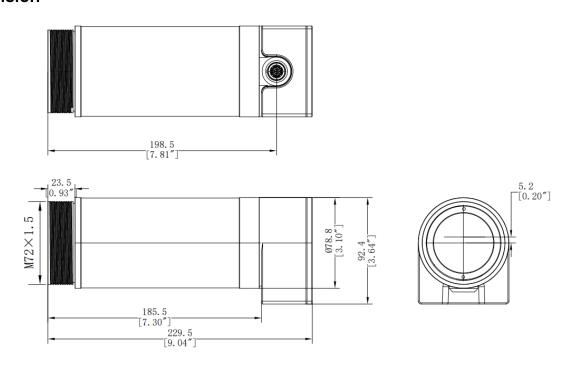


Dimension	87.8 x 92.4 x 229.5mm(3.1 x 3.64 x 9.04 in)		
Weight	1780g(3.92 lb)		
Warranty	5 years for the full product		

Available Model

HM-P10D10-10A32-F2/ELV

Dimension



Unit:mm[Inch]



Accessory

Optional

DS-1701ZJ Wall Mount for Water-	HM-AFA01 Switching Mode	HM-AIBR01/PY Fixed Bracket for	HM-AIBR02/PY Adjustable Bracket for	HM-AICH01/PY Water-/Air-Cooled
/Air-Cooled Housing	Power Supply	Pyrometer	Pyrometer	Housing for Pyrometer
HM-AIPU01/PY Air Purge for				
Pyrometer				
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