

**SF12N PIII
HIGH TEMPERATURE IMAGING SYSTEM
SPECIFICATIONS**

SYSTEM INCLUDES:

- High resolution solid state infrared camera (optional radiometrically calibrated for use with PV-HD software)
- Air-cooled stainless-steel furnace lens with Bright Image Optical System™
- High temperature camera housing (IP66/NEMA 4X) with slide trac mount (tripod base for portable system)
- Quick change back plate
- 12 VDC power supply with IP66/NEMA 4X enclosure and 15 ft. (4.6 m) cord
- Regulator assembly with 1 ea. 15 ft. (4.6 m) quick disconnect air line
- Factory assembled, pre-adjusted and ready for installation

CAMERA:

Sensor: Solid state infrared
Resolution: 570TVL (Center) Analog or High-Resolution HD digital
AGC: On/off selectable
SNR: Greater than 45dB
Video: NTSC (optional PAL or Ethernet)
Power: 12 VDC with 100-240 VAC adapter - 50/60 Hz

AVAILABLE LENSES:

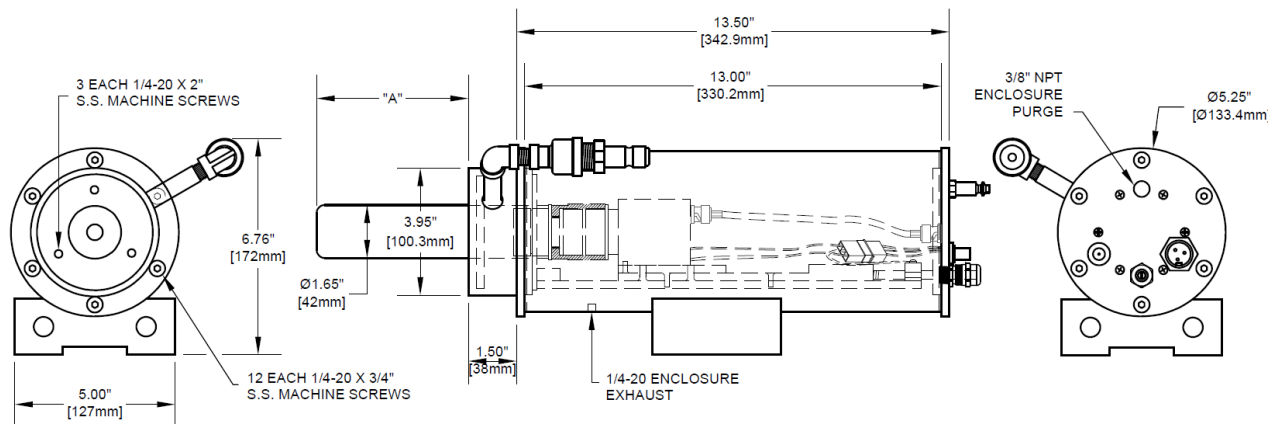
Overall length: 12", 18", 24", 28", 36", 48", 65" (30, 45, 61, 71, 91, 122, 165 cm) Straight Ahead Line of Sight
24", 36", 48" (61, 91, 122 cm) Obtuse and Right-Angle Line of Sight
Diameter: 1.650" (42 mm)
Field of view: See Lens Selection Guide
Line of Sight: Straight ahead (standard), Obtuse and Right (also available)
Temperature: Scenes being monitored to 3500° F (1927° C)
Air Purge: 15-25 psig @ 20-40 scfm - straight ahead line of sight lens (**application dependent**)
Instrument quality air only T<100°F (40°C)

ENCLOSURE:

Material: PHASE = **STEELON™** (stainless steel over high temperature synthetic)
Temperature: Ambient temperatures to 550° F [289° C] (with optional accessories)
Air purge: 3-10 psig @ 3-10 scfm (**application dependent**)
Instrument quality air only T<100°F (40°C)

OPTIONS AND ACCESSORIES INCLUDE:

- SAM0007-XX or SAM0012-XX Wallbox Mount
- MSS0010C Automatic Retract
- SAE0036 SPECTRUM™ TG/Thermal Analyzer
- Automatic Port Deslagger
- PV-HD Image Analysis & Temperature Monitoring System
- SAM0009 or SAM0028 Air Filtration System
- Video Monitors and Recorders
- Coaxial Cable, Fiber Optic, or Ethernet Transmission
- Quickchange Lens
- Custom hazardous area compliance, Class I Division 2



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08/2024