

SF12MT PIII – THE TERMINATOR SERIES HIGH TEMPERATURE IMAGING SYSTEM SPECIFICATIONS

SYSTEM INCLUDES:

- High resolution, thermal imaging camera
- Air-cooled stainless steel furnace lens with Bright Image Optical System™
- Camera control software (Includes basic camera controls and image colorization)
- High temperature camera housing (IP66/NEMA 4X) with manual slide trac mount (tripod base for portable system)
- Quick change back plate
- 12 VDC power supply with IP66/NEMA 4X Enclosure and 15 ft. (4.5 m) power cord
- Regulator assembly with 2 ea. 15' (4.5 m) quick disconnect air lines
- Factory assembled, pre-adjusted and ready for installation

CAMERA:

Sensor: Uncooled Microbolometer
Video: NTSC (optional PAL or Ethernet)
Power: 12 VDC with 100 - 240 VAC adapter - 50/60 Hz

AVAILABLE LENSES:

Overall length: 12", 18", 24", 36", 48", 65" * (30, 47, 61, 91, 122, 165* cm) Straight Ahead Line of Sight
18", 24", 36", 48" (47, 61, 91, 122 cm) Obtuse & Right-Angle Line of Sight
Diameter: 1.650 in (42 mm)
Field of view: See lens selection guide
Line of sight: Straight ahead (standard), Obtuse and Right Angle (optional)
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)

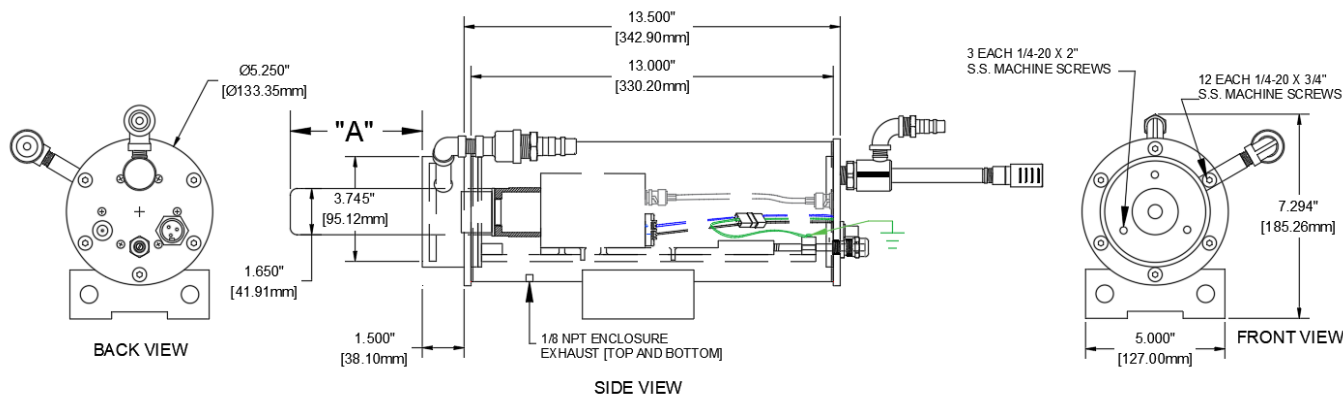
ENCLOSURE:

Material: PHASE III = **STEELON™** (stainless steel over high temperature synthetic)
Temperature: Ambient temperatures to 550° F [289° C] (with optional accessories)
Air purge: 5-10 psig @ 5-10 scfm (**application dependent**)
Instrument quality air only T<100°F (40°C)

Note: Above lens and enclosure air consumption values are NET to the system. When cooling tubes are required to achieve temp specs "gross" air amounts will be higher.

OPTIONS AND ACCESSORIES INCLUDE:

- SAM0007-XX or SAM0012-XX wallbox mount
- MSS0010C automatic retract
- Video monitor
- Automatic Port Deslagger
- SAM0009 or SAM0028 air filtration system
- Video recording
- Coaxial cable, fiber optic, Ethernet, transmission system
- **PYROVIPER™** thermal imaging software
- Quick change Lens



SYN-FAB's SF12 series infrared imaging systems are subject to US export regulations and may require a license prior to export. Diversion contrary to US law is prohibited.



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