

**SF12L PIII
HIGH TEMPERATURE IMAGING SYSTEM
SPECIFICATIONS**

SYSTEM INCLUDES:

- High resolution, solid state thermal imaging camera
- Air-cooled stainless-steel furnace lens with Bright Image Optical System™
- IP66/NEMA 4X camera housing 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: LWIR
Video: NTSC composite video (optional PAL)
Power: 12 VDC with 100 - 240 VAC adapter - 50/60 Hz

LENSES:

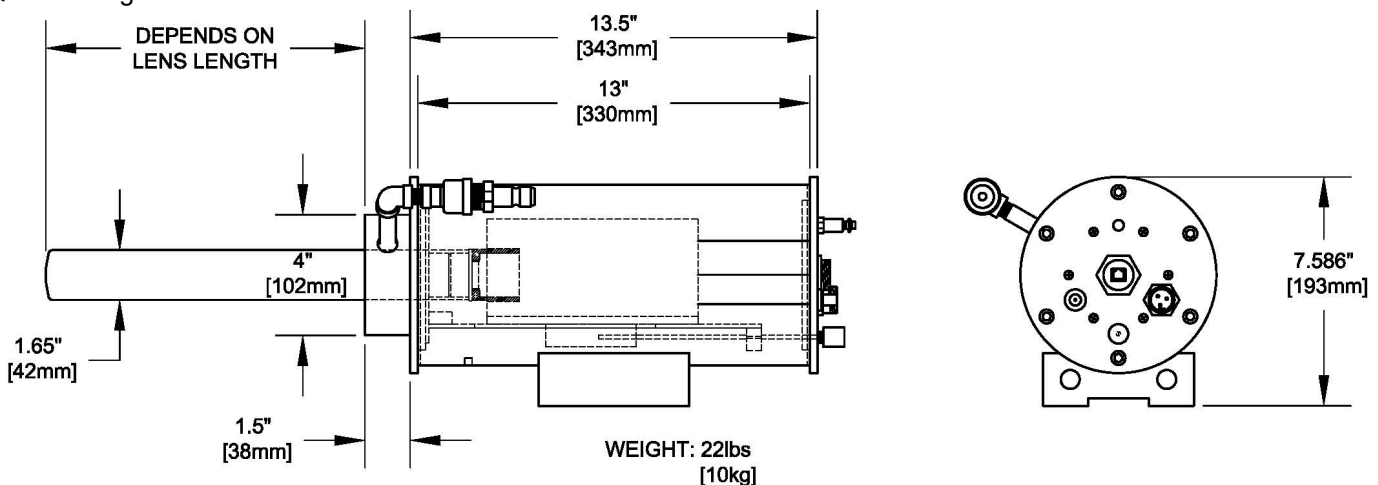
Overall length: 12", 18", 24", 36", 48", 60" (30, 47, 61, 91, 122, 152 cm) Straight Ahead Line of Sight
18", 24", 36", 48" (47, 61, 91, 122 cm) Obtuse & Right-Angle Line of Sight
Diameter: 1.650" (42 mm)
Field of view: See Lens Selection Guide
Angle of view: Straight ahead (standard)
Temperature: Scenes 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: 3-10 psig @ 3-10 scfm (**application dependent**)
Instrument quality air only
77°F (25°C) <T< 122°F (50°C)

OPTIONS AND ACCESSORIES INCLUDE:

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



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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