TECHNICAL SPECIFICATIONS

FiberPatrol® FP1150 Sensor Unit

FP115005U, FP115040U, FP115005H, FP115040H

SENSTAR®

Description

The FiberPatrol FP1150 Sensor Unit performs detection processing on two sensor channels, each sensor channel requiring one field fiber. Adjustment of all sensor parameters is done with the built-in configuration GUI which can be accessed directly via KVM connection or remotely through a Windows Remote Desktop Connection.

Detection Zones
- Software-assignable
- Up to 1,440 zones

Environmental
- Operating temperature: 0 to 50°C (32 to 122°F)
- Humidity: 20% to 80% non-condensing

Interfaces and Software
- Networking: Dual Gigabit Ethernet
- Operating system: Windows 10 Pro 64-bit
- SSD: minimum 2 x 256GB RAID1 array
- USB:
  - 4 USB 2.0 on rear panel, 2 on front panel
  - 4 USB 3.1 on rear panel (2 Gen 1, 2 Gen 2)
- Video:
  - FP115005U – VGA, DVI-D, DisplayPort++
  - FP115040U – DisplayPort 1.4, HDMI 2.0b, DVI-D
- Standard alarm interface – TCP/IP via Network Manager software (API)
- Optional alarm interfaces – Relay closures via Senstar UltraLink I/O modules or ASCII output

Optical
- Laser wavelength: 1550 nm
- Laser classification: Class 1 per IEC/EN 60825-1:2014
- Connector type: FC/APC
- FP115005U, FP115040U: two fiber connections
- FP115005H, FP115040H: four fiber connections

Power
- Dual redundant field-replaceable hot-swappable power supplies
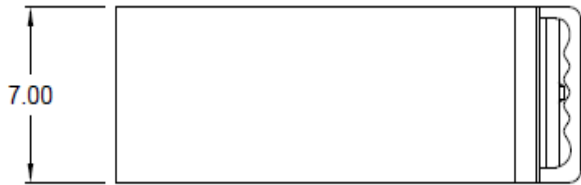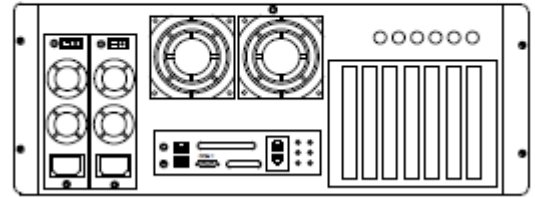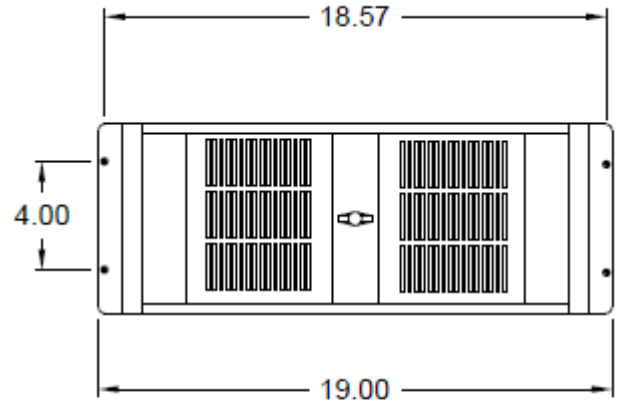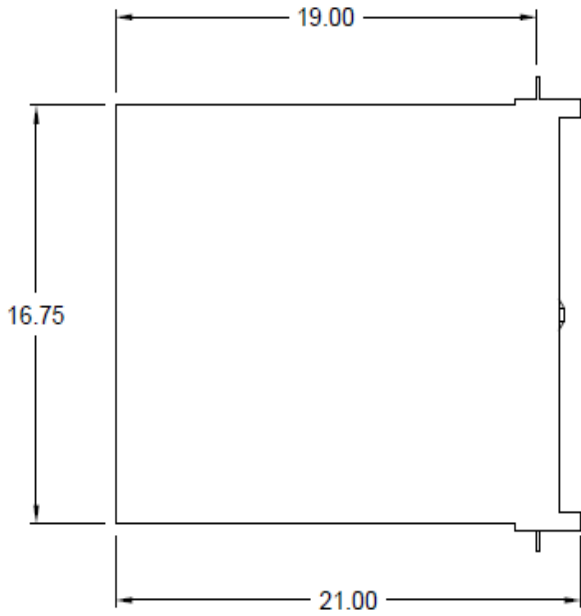- Voltage: 100 – 240 VAC, 50/60 Hz
- Power: 200W maximum

Mechanical
- Style: standard 19-inch rack-mount, 51 cm (20 in) deep
- Rack space: sensor unit 4U, KVM 1U, fiber connection module 1U
- Rack clearance required: 5 cm (2 in) front, 15 cm (6 in) back
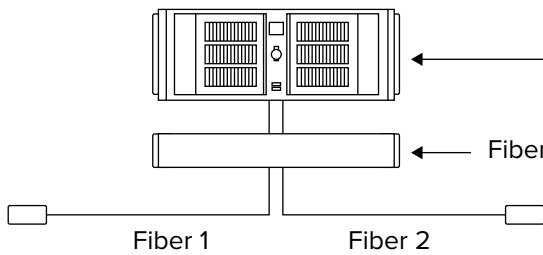- Weight: 23 kg (51 lbs)

Regulatory
- FCC Part 15 Subpart B Class A
- CE: Conformant to EMC Directive 2014/30/EU
- Safety:
  - IEC 62368-1:2018
  - EN 60950-1:2006/A2:2013
- ROHS

PART	DESCRIPTION
FP115005U	FP1150 Sensor Unit for fence, wall, buried perimeter, and TPI applications. Hardware capable of providing up to 5 km (3.10 mi.) of detection processing on each of its two sensor channels, up to 10 km (6.21 mi.) in total. Provided with 1000 meters of activation license, additional activation license can be purchased separately.
FP115040U	FP1150 Sensor Unit for fence, wall, buried perimeter, and TPI applications. Hardware capable of providing up to 40 km of detection processing on each of its two sensor channels, up to 80 km in total, 100 km total for TPI applications. Provided with 5000 meters of activation license, additional activation license can be purchased separately.
FP115005H	Equivalent to FP115005U but with fiber connections compatible with FP1100X/FP1400/FP6100X systems
FP115040H	Equivalent to FP115040U but with fiber connections compatible with FP1100X/FP1400/FP6100X systems

See the FiberPatrol datasheets for full system descriptions

19.00

16.75

21.00

7.00

18.57

4.00

19.00

Independent Sensor Configuration

Cut-Immune Configuration

Sensor Unit

Fiber Connection Module

Fiber 1   Fiber 2

Fibers 1 & 2

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