TENSOR NETWORKS

SarahAI

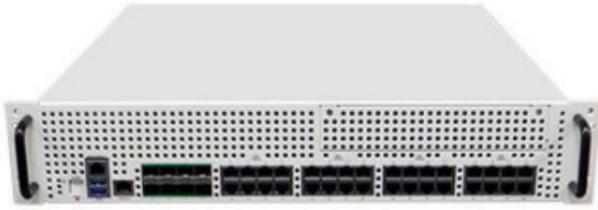## Situational Awareness Response and Help

Overview

Tensor Networks' Sarah-AI software is an add-on to matrixOS and it converges 3 traditionally disparate system elements into 1. This 3-n-1 approach includes compute, GPU compute, and Ethernet network routing and switching converged into a single appliance for significant capital and operational cost savings. It's intended to be a plug-and-play scalable solution with long life-cycles to support connectivity between daily life and emergency first responders with automation.

- Tensor Core Processors for acceleration
- Dual redundant w/ Dying Gasp AC in, 1200 Watt PS
- Operating Temperature: 0°C – 40°C (32°F – 104°F) Regulation: CE, FCC Class A, ROHS requirements MTBF*: 76344 hours * According to Telcordia SR-332 Issue 4. Environmental condition – GB (Ground, Fixed, and Controlled). Ambient temperature 40°C
- Up to 32 PoE IP Cameras per Device

matrixOS

AI Ramp

- Form Factor: EIA 19" 2U/ Depth 450mm
- Weight: 12.4kg (437.4oz)
- Intel® Xeon® D-1577 Processor 16 Cores, 32 threads Base Freq. 1.3GHz, 24MB Cache, TDP 45W
- Broadcom® Hurricane3 BCM56172
- 64GB DDR4 with ECC
  4x 16GB DIMMs DDDR4 with ECC
- 2x 10GE-KR
- 32x 1GE RJ45
  8x SFP+
  32 of 32 supports (POE+)
  *Total Power limit of the 32 POE + Up to 800W
  Dynamic power load based on actual power consumption
- NVIDIA Tesla T4 GPU
- Ideal Emergency First Responder Network

Choice Empowers

Open Edge

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