

## FMADIO100G Gen3 Portable

Full Line Rate Sustained 100Gbit Packet Capture Anywhere

Highly portable 100Gbps line rate packet capture system. Full packet capture at sustained 100Gbps line rates with 64 byte packets at 148.8Mpps.

FMADIO Advanced Technology group has created the best 100Gbps packet capture system utilizing proprietary FPGA hardware and bleeding edge software, at a clear and affordable price.

FMADIO100G Portable system has swappable drive arrays, enabling data capture in one location and analysis in another without having to ship the whole system, or the ability for a field engineer to complete multiple tasks without mixing customers' data on the same array.

Disk Packs are AES256-bit encrypted at rest and can be securely transported in a locked case.

A single device supports 2x100G, 2x40G, 8x25G, 8x10G operating modes and supports FEC.

In addition the system has a built in 100Gbps packet generator and replay feature, enabling capture and replay using the same device.

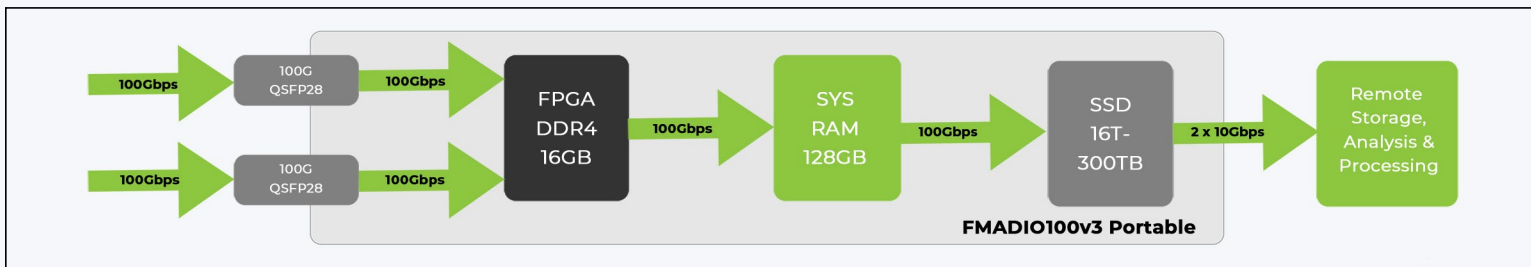
## 100Gbps Line Rate Anywhere

### FEATURES

- 100Gbps Sustained Packet Capture
- 200Gbps Burst Packet Capture
- 2x QSFP28 Ports
- SR4 / LR4 / CX4 + FEC support
- 200Gbps Line Rate Packet Generator
- 16TB ~ 300TB RAID5 Storage
- Hardware Time Stamping
- Pre-capture Filtering
- Inline Packet Capture
- Packet Slicing
- Packet Replay + Blaster
- Simple easy to use Web GUI
- Fully scriptable JSON API

### SPECIFICATION

<b>Network Sustained Capture Speed:</b> 100Gbps Line Rate Packet Capture 148.8Mpps Packet Capture	<b>Hardware Time Stamp Resolution:</b> 3.2ns	<b>Rackmount Rails:</b> Custom Ear mounts
<b>Network Capture Ports:</b> 2x QSFP28 100Gbps Capture Port 2x100G / 2x40G / 8x25G / 8x10G SR4 / CDWM4 / LR4 / CX4 + FEC Support	<b>Clock Synchronization:</b> PTPv2, NTP, PPS	<b>Cooling:</b> 4x 80mm Fans
<b>Packet Size:</b> 64B-9218B	<b>Hot Swap Drive:</b> x10 U.2 NVMe SSD drives	<b>Power:</b> Single700W Power Supply
<b>Management Interfaces:</b> 2x 1G/10G BaseT	<b>Storage Size:</b> 16TB - 300TB Total Raw Storage	<b>Size:</b> 3U Short Rack mountable 482mmx329mmx132mm 19" x 13" x 5.1"
	<b>Storage Mode:</b> Full 100Gbps RAID5	<b>Total Weight:</b> 11Kg/24Lbs (no disk pack) 13Kg/28Lbs (with disk pack)



### Chassis

Removeable NVMe Disk Pack

QSFP28 100Gbps Capture Port A

QSFP28 100Gbps Capture Port B

PPS Time Sync

10GbE Management

VGA

IPMI

AC Power Supply (DC 48V optional)