Frore Systems AirJet® is coming to iodyne Pro Mini, making movie production faster, smarter, and more secure.

San Jose, CA – September 10, 2024: Today, Frore Systems announced the intensely demanding industries of movie production, media, video and photography, are the latest to benefit from AirJet, the World's first solid-state active cooling chip with iodyne's announcement of the new Pro Mini – The Smart Drive for film, visual effects, and creative production workflows. Pro Mini delivers a world of capability in a smartphone sized package just 131mm x 69mm x 13mm and is available in 4TB and 8TB options. In addition to a sustained performance 3X other devices, it has unique and exciting new features that create the smartest SSD Drive on the planet.

Most people are familiar with the challenges associated with storing and tracking images and data on external storage devices – Are external devices secure? What if the device is misplaced? What content is on each drive in that overflowing cabinet? How do I know who has my drive? Has the data been backed up? What if a drive fails? Why does SSD performance drop so dramatically after a few seconds? The list goes on and on.

These problems compound quickly for Professional and high-volume users. When movie producers are recording massive files on set with A-list actors, any delays or file corruptions are extremely costly in both time and production. News and Sports broadcasters experience similar challenges, needing to move massive amounts of data quickly and securely for real-time event coverage. Media influencers, who produce prolific amounts of content for modern digital channels, must produce, copy, manage, track and archive vast amounts of data quickly and securely. Current external SSD's, with functionality severely limited by their compact form factor and the resulting heat, haven't been able to innovate to solve these challenges, until now.

Enter iodyne Pro Mini – featuring AirJet. iodyne, the developer of Pro Data, the world's fastest Thunderbolt storage device for video and photo professionals, has announced the world's first ever mobile storage

device with AirJet, purpose built for the most demanding production applications. AirJet, solid-state active cooling, enabled iodyne to take their deep industry knowledge and create innovative tailor-made 4TB and 8TB solutions for power users, delivered in a machined aluminum chassis the size of a smartphone, solving systemic industry problems that were never imagined solvable.

Like all compact devices, from smartphones and tablets to action cameras, Pro SSD devices have had to limit performance and capabilities due to heat. Designing 2x AirJet Mini Slim into their product, iodyne has unleashed the performance needed to deliver over 3x increase in sustained data transfer performance at more than 3 Gigabytes per second, up from less than 1 Gigabyte per second in most Pro SSD devices, and solved an extensive range of customer pain points.

"Heat dissipation is the arch nemesis to pushing the boundaries of our hardware used in media and entertainment workflows" said Brandon Potter, Executive Director, Post Production at a major broadcasting network. "Frore's AirJet Solid-State Active Cooling has left a mark in the iodyne Pro Mini, forever changing the game for what is possible in portable storage devices. You can't buy happiness, but you can buy an iodyne Pro Mini Powered by AirJet."

In addition to the highest speed data transfers, over 3x the sustained performance of the typical Pro SSD, the increased performance unleashed by AirJet enables iodyne's Pro Mini to deliver a range of innovative capabilities - making it the smartest SSD Drive available:

- **Simultaneous encryption and 24x7 internal RAID protection:** World class protection for the first time on a portable high performance compact drive.
- **Customized Digital Labels**: E-paper display retaining visible project names, camera numbers, contact info, logos, QR codes, barcodes and more for years – even when the device is not powered on.
- **Find My Tracking**: Bluetooth tracking and compatibility with Apple 'Find My' and Google 'Find My Device' Networks enables users to find their Pro Mini anywhere, at any time.
- **Device Passkeys**: The first use of secure passkey for portable storage devices making sure data can only ever be accessed by approved users.
- **Fleet Management:** A Cloud Fleet Management service that simplifies device inventory, management and provisioning, so you can see the status of your drive from anywhere.
- **Multiple containers**: Enabling simultaneous use across macOS, Windows or Linux devices.
- **Universal connectivity:** Supporting USB2.x, USB3.x and USB 4/Thunderbolt.
- **Workflow Metadata –** customizable and accessible through NFC or Cloud

iodyne Pro Mini, delivered in a triple-anodized milspec-grade aluminum chassis, is slim, sleek, and ultra strong, is revolutionizing data management for modern productions.

"There is so much powerful performance and revolutionary engineering packed into the Pro Mini." said Mike Shapiro, Co-President iodyne. "Every single feature was thoughtfully designed with the specific needs of production professionals in mind - innovative breakthroughs thanks to our collaboration with Frore Systems to bring solid-state active cooling to portable SSDs"

"We are excited to enable iodyne to deliver an SSD for the most demanding use cases - production professionals." said Dr. Seshu Madhavapeddy, founder and CEO of Frore Systems. "iodyne's Pro Mini really showcases the incredible innovation that is possible when AirJet unleashes device performance from the limitations of heat. We are excited that we can finally share the market leading SSD Device iodyne has created – a great example of the many leading edge, innovative products in the pipelines of our manufacturing partners!"

Frore Systems launched AirJet in January 2023 and has seen unprecedented demand for the small, highly effective active cooling chips. The AirJet Mini Slim is just 2.5mm x 27.5mm x 41.5mm and weighs only 7g. Like all Frore System products, AirJet Mini Slim is a scalable solution, with additional heat removal achievable by simply adding more AirJet chips. Each chip removes 5W of heat, and the easy integration of multiple chips means two chips can remove 10W, three chips 15W and so on.

AirJet's compact size and scalable nature means manufacturers can achieve enhanced heat removal to enable increased performance in a wide range of faster, thinner, lighter, silent, vibration free, dustproof and waterproof devices. AirJet can enhance performance across numerous devices from Notebooks, Mini-PCs, tablets, smartphones and SSDs, to the approaching tsunami of IOT devices, DSLR and action cameras, WiFi access points and LED lighting, and in markets as diverse as the datacenter and automotive industries.

About Frore Systems

Frore Systems is the developer of breakthrough thermal technology for electronic and consumer devices. The company's active cooling solutions, the AirJet®Mini, AirJet®Mini Slim, AirJet®Mini *Sport*, and AirJet®PAKs, are integrated into devices to remove heat silently, resulting in major performance gains and enabling thinner, lighter, silent, vibration free, dustproof and waterproof devices. Frore Systems is headquartered in San Jose, CA with an office and manufacturing facility in Taiwan. For more information, please visit https://froresystems.com/

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About iodyne

iodyne solves the growing data management challenges of modern productions wit tools that are meant to last for multiple productions, adapt to multiple workflows as needed, and give studios and content creators consistent, repeatable, reliable, secure, and high-performance results so they can focus on their craft.

The Pro Mini will be available for pre-order through iodyne's worldwide network of partners and distributors and will be shipping in Q1, 2025. For more information visit. www.iodyne.com