intertrust®

Kiora Offline Content Delivery

Turn offline places into online experiences™

Kiora is a secure platform that enables content providers to publish and deliver protected content wherever internet bandwidth is limited or inaccessible.

Our patented platform includes both hardware device and software components, providing a complete end-to-end solution that is readily deployable. Our hardware offerings include the Kiora nano™ (specifically designed for in-cab environments) and the Kiora FreeStyle™, which supports a larger number of devices.

A Hollywood-approved solution from the founder of DRM

As the inventor of digital rights management (DRM) technology and a leader in security, privacy, and trust for open networks, Intertrust is uniquely qualified to protect your high-valued content, and deliver it seamlessly across devices.

To meet Hollywood studio requirements, Kiora provides a robust implementation of the open-standard Marlin DRM, and employs other mature DRM systems as implemented using Intertrust's multi-DRM ExpressPlay service.

Truly Entertainment Anywhere™

Kiora hardware appliances are compliant with industry standards; ensured to be robust and vibration resistant; and have safeguards against ignition spikes that can be common in deployments. Our gamut of offerings comprehensively address the different offline content markets out there, including in-vehicle and captive audiences.

Transportation

From buses to trains to cruise ships, Kiora offers riders a seamless entertainment experience.

Public places

Whether it's in a hotel, shopping center, or coffee shop, Kiora is equipped to support a wide range of connections.

Kiora for Good™

Kiora empowers educators and urban planners to share content even where bandwidth is limited.

A superior user experience

Using a mobile app on a phone or tablet, or a web app on a laptop, consumers can search for and enjoy a wide variety of video entertainment by connecting to a Kiora content delivery appliance using Wi-Fi. Each consumer has a personalized experience using information stored for that subscriber on their mobile device, and can express their preferences and customize their content library.

Uncompromised security and privacy

Kiora's overall data architecture is designed to provide data availability, information transparency, and system intelligence while providing strong governance and security.

Mobile app security – Consumer apps are protected by Intertrust's state-of-the-art Code Protection™ application shielding technology, while cryptographic keys are protected using Intertrust's Secure KeyBox™ whitebox crypto technology.

Rights management – All data, including derived data, are governed using data rights management methods that assure data is only available to authorized parties. Customer data is held in a trusted cloud at all times and only available to advertisers in a managed way and in compliance with strict rules (e.g., ITAA, GDPR, COPPA, etc.)

Industry-leading analytics

Kiora pairs with Intertrust Personagraph™, an audience insights platform that helps content providers better understand their audiences and unlock new revenue streams. Personagraph is a targeted advertising technology with a user base close to 2 billion, and which is already on 1,000s of apps worldwide. Personagraph can recommend content and match ads, while providing insightful analytics on its customers and help keep the customers close.

Meet the Kiora Family Deployment Options

	Kiora nano™	**Kiora FreeStyle™**	**Kiora™** (software-only)
Ideal for	Our most portable and economical solution	Rugged hardware for large scale deployments	Flexible integration in any existing infrastructure
Use cases	Taxis, cars, small shuttles	Buses, shuttles, trains, boats, hotels, retail, coffee shops, airports	Wi-Fi/content hotspots, large-scale deployments such as malls or hotels
# of connections	4-6**	30-50**	Platform specific

Kiora Freestyle™ Key Features

Up to 3TB of internal storage

Ruggedized aluminum casing withstands extreme shock and heat

High-capacity Wi-Fi connectivity up to 50 connections**

Standard ethernet port

Charging port

Surface mountable

USB 3.0 for provisioning

4G/LTE connectivity (optional)

Kiora nano™ Key Features

Up to 128GB of internal storage with 5000 mAH lithium battery

Micro USB charging port

WAN

LAN

Battery indicator

Wi-Fi connectivity supports 6-8 connections**
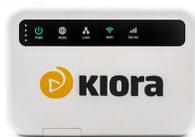
Power button

USB 2.0 port

Cooling vents

SIM card slot with 3G support

**number of connections depends on encoding format

Kiora Appliances Tech Specs

	Kiora nano™	**Kiora FreeStyle™**
Summary	105 x 75 x 30 mm Polycarbonate casing Fanless operation	200 x 80 x 180 mm Aluminum alloy Wall-mount support
System Specifications	Wi-Fi Certified Atheros Processor Up to 128GB SSD OpenWrt Wi-Fi router	1.91 GHz Intel Atom E3845 8GB DDR3L memory Up to 2TB SSD OpenWrt Wi-Fi router
External Connectors	10/100 Ethernet LAN port 10/100 Ethernet WAN port USB A 2.0 port SIM card slot with 3G support Micro-USB Port (power)	10/100/1000M Ethernet port USB A 2.0 port Mini-PCLe with SIM 3 SMA-Female Ports
Wi-Fi Connectivity	Atheros AR9331 chipset 1 to 13 channels IEEE 802.11 b/g/n Wi-Fi WPA with AES TKIP (802.11i) Layer 2 Isolation	Atheros QCA9563 chipset 1 to 13 channels IEEE 802.11 b/g/n Wi-Fi Public SSID WPA with AES TKIP (802.11i) Layer 2 Isolation
Power	5000 mAH Lithium Battery 5V/1A operating voltage 3W maximum consumption Power On Indicator	2-pin DC 12/24V 20WP maximum consumption Power On Indicator 31.75V surge protection
Environmental Requirements	**Operating temperature range:** 0 to 60 °C **Storage temperature range:** –25 to 70 °C FCC and CE compliant	**Operating temperature range:** 0 to 60 °C **Storage temperature range:** –20 to 80 °C **Relative humidity:** 10 to 90% at 55 °C FCC and CE compliant MILT-STD-810G vibration tested **Shock:** 20g operating / 75g non-operating

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