

FarSync SDK

The FarSync SDK Developers Toolkit provides everything the developer requires to use the APIs on the full range of FarSync adapters

FarSync SDK 开发者套件，为开发者提供使用 FarSync 系列产品 API 进行程序开发的全部所需

The Developers Toolkit

开发者套件

The SDK supports writing applications to use the FarSync range of products on both Linux and Windows. It contains documentation, working sample applications, user libraries and test utility applications. There is everything a user needs to rapidly develop and test a wide variety of applications using synchronous (HDLC framed) protocols, V.120, LAPB, asynchronous data or transparent bitstreams including Audio, G.704, MPEG Video T-DMB, DAB STI and DAB ETI with the bitstream encoder and decoders provided.

SDK 支持 Linux 及 Windows 下针对 FarSync 系列产品的应用开发。其中包括文档，程序范例，用户库及测试工具等。用户所可快速开发及测试不同类型的应用程序。可使用同步 (HDLC 帧封装) 协议，V.120，LAPB 及异步数据及透明传输等。同时包括音频，G.704，MPEG 视频 T-DMB，DAB STI 及 DAB ETI 比特流编解码。

The SDK is intended to allow easy access to the set of hardware features offered by the various adapters in the FarSync range whilst also providing additional software encoding and decoding to supplement that provided by the hardware.

通过 SDK 可直接控制 FarSync 系列产品的硬件特性，同时提供软件编码及解码支持

The FarSync SDK supports APIs on the following products

FarSync SDK 支持以下产品的 API

Products supported by the SDK Adapter Type Product Code Windows API Linux API

支持产品 接口类型 产品号 Windows API Linux API

<u>FarSync Flex</u>	USB	FS4100	Yes	yes
<u>FarSync T1U</u>	PCI	FS4140	yes	yes
<u>FarSync T2U</u>	PCI	FS4240	yes	yes
<u>FarSync T4U</u>	PCI	FS4440 / FS4441	yes	yes
<u>FarSync T4E+</u>	PCI	FS4446	yes	yes
<u>FarSync TE1</u>	PCI	FS4150	yes	yes
<u>FarSync TE1R</u>	PCI	FS4151	yes	yes
<u>FarSync TE1e</u>	PCIe	FS4155	yes	yes
<u>FarSync T2Ue</u>	PCIe	FS4250	yes	yes
<u>FarSync T2Ee</u>	PCIe	FS4256	yes	yes
<u>FarSync T4Ue</u>	PCIe	FS4450 / FS4451	yes	yes
FarSync T2U-PMC	PMC	FS4280 / FS4281	yes	yes
<u>FarSync M1P</u>	PCMCIA	FS4130 / FS4133	yes	no

Our Engineering department provides free email and telephone assistance to application developers using the API as part of the package provided when the FarSync SDK is purchased.

对 FarSync SDK 用户提供免费 邮件及电话支持，协助用户使用 API 进行应用程序开发

This toolkit is not appropriate for the [FarSync X25 range of products](#), they are supplied with their own specialist X.25 toolkit. The FarSync X25 cards can also support modes of operation as described in this page at the same time as X.25.

此开发套件不适用于 FarSync X25 系列产品。FarSync X25 产品需配合专用 X.25 套件，以实现类似功能。

FarSync SDK - Developers Toolkit, what's included

开发者套件包括

Reference manuals 参考手册	Windows FsWinAPI 用户手册 Linux Char I/O API 用户手册 Linux Raw Sockets 用户手册, Linux LAPB API 手册, RS485 应用指引 (FarSync Flex, T2Ee, T4E+), Bitstream Encoder/decoder 用户手册, FarSync Flex Monitor 用户手册.
Sample programs 程序实例	Sample applications supplied that use FsWinAPI, Char I/O APIs, Raw Sockets APIs and the bitstream encoder/decoder. There are also adapter performance check and adapter function test applications. FsWinAPI, Char I/O APIs, Raw Sockets APIs 及比特流编解码程序范例。产品性能及功能测试程序
Source code 源代码	Sample C .NET (C# and VB) and LabVIEW VI samples. Linux drivers source code supplied (for big endian and little endian processors). C, .NET (C#, VB)及 LabVIEW VI Linux 驱动程序源代码
Bitstream encoding and decoding 比特流编码及解码	Library and sample programs supporting decoding of bitstream data, can be configured to support many different fixed length bitstreams such as ETI, STI and E1 framing. 库及示例程序，支持比特流解码，可配置支持多种固定长度比特流如 ETI, STI 及 E1 帧
Customer Support 技术支持	We provide free email and telephone assistance to the application developer using the API as part of the package provided when the FarSync SDK is purchased. 对 FarSync SDK 用户提供免费电话及邮件支持，帮助用户使用 API 进行程序开发

Order Information

订购信息

Product Name 产品	Description 描述	Product Code 产品号
FarSync SDK	<p>Linux and Windows Developers Toolkit for the FarSync adapters - this is required if you want to write software to use the FarSync adapter APIs.</p> <p>Linux 及 Windows 开发者套件，使用 FarSync API 进行软件开发</p> <p><i>Note: This toolkit is not appropriate for the FarSync X25 range of products or the FarLinX Gateways, they are supplied with their own toolkit.</i></p> <p><i>注释：不适用于 FarSync X25 产品及 FarSync Gateway</i></p>	FS9610