



Solutions for KNX Automation



Automation of Smart Homes and Buildings

2007

foundation of company

160+

employees

110+

countries

3000+

projects annually

Working with KNX since 2010

iRidi team has been working at solutions for KNX automation market for 12 years. And we've become professionals in creating unique products and solutions to visualize control in KNX projects. iRidi key expertise is integration of equipment working via different protocols in a single control project. To do it, we offer drivers for 60+ protocols and a capability to create drivers in Java Script to control equipment via TCP, UDP, RS232, HTTP.

Advantages of iRidi Solutions

- unique solutions for tasks and projects of different sizes varying from an apartment to a stadium;
- numerous functions, server hardware and visualization;
- our own manufacture and quality control, fast delivery and technical support;
- different configuration tools for projects of different sizes;
- on-line trainings for beginners.

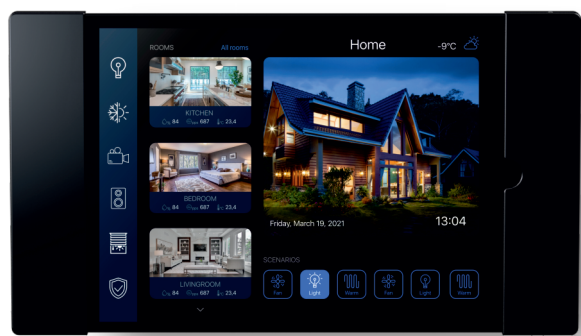
iRidi Products for KNX Projects

Solution	KNX IP Interface	KNX Home Server	KNX Integration Server
Type of project	KNX objects with a small budget and a request for unique visualization	Typical KNX objects with a priority to commission speed, simple setting and support	Professional installations with complicated tasks in logic, visualization and equipment integration
Equipment in project	Only KNX, IP-cameras, SIP-intercom	KNX and additional equipment*	KNX and other professional equipment
Visualization and setting tools	i3 Pro app to control KNX. iRidi Studio software to create unique control interfaces	i3 KNX app to set KNX project and to control equipment with the help of ready visualization	iRidi Studio, professional software, to integrate equipment and to create unique control interfaces i3 Pro, a control app.
Visualization	Unique	Ready "from the box"	Unique with additional server functions
Remote control	—	yes	Control + setting KNX devices (ETS Remote)
Voice control	—	yes	yes
Push and e-mail notifications	—	yes	yes
Schedules and routines 24/7	—	yes	yes
Tools for flexible logic	—	—	yes
Trends and database	—	—	yes

* additional equipment in KNX Home Server: IP-cameras, SIP-intercom, Sonos, Bluesound, Samsung TV of RU/R/Q*R series

Frames for iPad

iPad mounted on a wall with the help of a frame can be used as a stationary touch screen with its battery being charged.
The delivery set includes a frame and an mounting box.



Frame for iPad mini 5 (7,9")
Colors: silver/black
Frame size: 244 x 138 x 11 mm

Frame for iPad 8 (10,2")
Colors: silver/black
Frame size: 357 x 175 x 11 mm

Material: steel, aluminum

Frame for Lenovo Tab M10

Popular models of tablets based on Android can be used as control panels in projects.

We can manufacture frames for any tablets if you order at least 10 pieces.



Frame for Lenovo Tab M10 (10,3")
Color: black
Frame material: aluminum
Frame size: 295 x 157 x 13 mm
Delivery set includes: a frame, a mounting box

Control Panels

A stationary panel to control automation equipment, multimedia, intercom and cameras adapted for i3 Pro and i3 KNX apps.



Touch Panel 6, 87 x 153 x 32 mm, 2 Gb/ 16 Gb
RJ 45, CAN

Touch Panel 8, 134 x 200 x 32 mm, 2 Gb/ 16 Gb
RJ 45, CAN

Touch Panel 10, 155 x 251 x 32 mm, 2 Gb/ 16 Gb
RJ 45, CAN

Power: DC 24V, PoE 802.3at (PoE+)

Tabletop Panel Holder

The panel holder is meant for tabletop use together with Touch Panel 8 and Touch Panel 10.

A panel is fixed on the holder with the help of a magnetic plate. There is a special "anti-theft" screw to fasten a panel to the body of the holder.



Tabletop Panel Holder
Color: black
Size: 190 x 91 x 84 mm
Material: 1,5 mm steel


KNX IP INTERFACE


The first KNX IP interface with automatic storage of values of 1000 group addresses. It's an easy and economical way to speed up visualization work if there is no server in the project.


Capabilities in comparison to a regular IP-interface:


- speed of getting data in visualization is 3 times as fast as that of a regular IP-interface;
- no storms in the bus when visualization is started;
- no settings – unlike a server, KNX IP-interface can remember states of addresses “from the box”;
- up to 8 connections at the same time – enough for visualization and ETS.


 Interfaces: KNX TP1-256 and Ethernet

 Bus programming from ETS5 and ETS6

 8 KNXnet/IP Tunneling connections at the same time

 Setting via ETS5 and ETS6

 24V power supply

 Storage of values of 1000 group addresses without additional settings



KNX HOME SERVER

A controller, an app and on-line services for easy and fast creation of control for KNX system with setting and control in one window.



Functions and Capabilities:

- setting in 1 day without programming or additional expenses;
- control from up to 25 smartphones and tablets at the same time, fine setting user rights;
- control via Internet and voice control, IP-cameras and SIP-intercom;
- ready visualization: light and dark color schemes, 13 languages;
- setting connection with KNX and visualization in one app, simple import of addresses from ETS, copy/paste of settings;
- KNX TP port for direct connection to the bus;
- KNX IP interface function to work from ETS.

i3 KNX

An app to set KNX Home Server and to control KNX from a ready graphic interface.











- work on iOS, Android, Windows;
- work with several objects (for example, home and an office) from one account;
- single remote control: KNX, Sonos, Bluesound, Samsung TV of RU/R/Q*R series, IP-cameras and SIP-intercom in one app;
- simple tools to create scenes, routines, schedules.

KNX INTEGRATION SERVER

controller, on-line services and an app to integrate professional automation systems, do any logic and control equipment from unique interfaces.

Functions and Capabilities:

- 60+ protocols integrated with the help of one server, tools to develop your own drivers;
- creation of a flexible graphic interface with animation and an individual structure – every object is unique;
- secure control via Internet and with the help of voice assistants;
- any logic in JavaScript and block-schemes, tools to create schedules and routines 24/7;
- collection, analysis and display of data in trends;
- an app to launch visualization on iOS, Android, Windows and OS X.

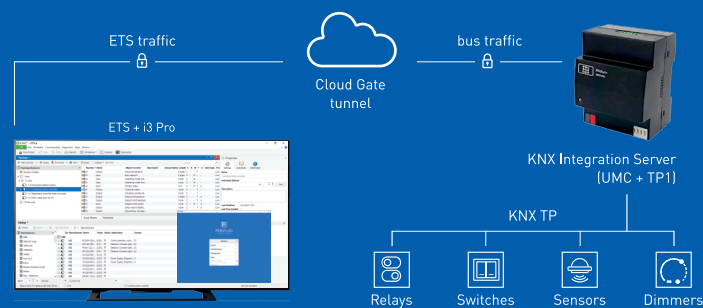
	Equipment integration		Remote control
	AV control		Schedules
	Collection and analysis of data		Routines
	Voice control		Logic block-schemes
	Notifications: PUSH, e-mail, Telegram		JavaScript



ETS Remote

An on-line service, an addition to KNX Integration Server, that allows to set KNX equipment from remote ETS. It's an addition to new and already working automation projects. Comparison with VPN and port-forwarding:

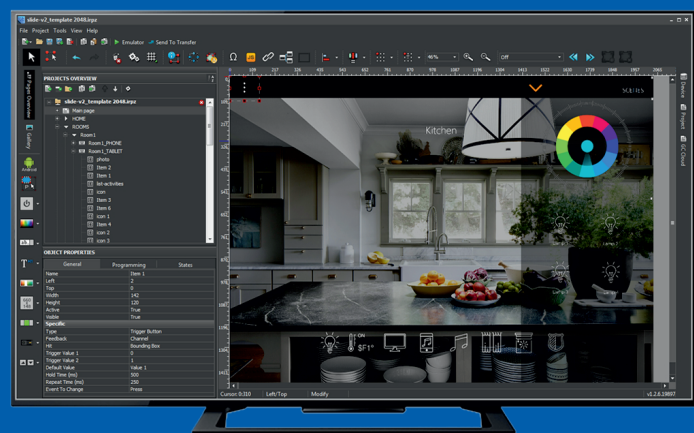
- secure connection without setting – activated with a couple of clicks;
- a license can be included into an invoice for your customer – there is MSRP;
- guaranteed support for 3 years after purchase.



iRidi Studio

An environment to create control interfaces, server logic and to control automation equipment.

- an editor of graphic interfaces with templates, libraries and a dozen visualization tools, including animation and trends;
- integration of different protocols in a single control project;
- integration of different protocols in a single control project;
- creation of complicated logic, visualization and your own drivers.



i3 Pro

An app to launch interfaces created in iRidi Studio.

- work on iOS, Android, Windows, OS X;
- work with several objects (for example, home and an office) from one account;
- single remote control: engineer systems, multimedia, IP-cameras, SIP-intercom and others in one app;
- logic of graphic interface: simple tools and JavaScript.



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