



Communication Controller Iridium Server

iRidium is a unique software package to visualize and control any Automation Systems (for iPad, iPhone, Android, Mac, Windows). This software radically upgraded to iRidium Server and now is able to work on-Board intelligent controller based on open Linux operating system in the 24x7x365

Software pre-installed (trial 60 days):

- Up to 50 panels
- Up to 65 000 points
- All drivers and modules are included
- Activated automatically

A standard KNX interface supported by iRidium allows to begin work with the KNX environment.

OS Linux uses Kernel 3.10.17.

Update, upgrade and recovery procedures specified.

Details:

- High performance
- iRidium Server pre-installed
- Full support KNX twisted pair networks, direct connection to KNX environment
- Ethernet 100 Mb/s
- Wide range supply non-polar DC voltage
- Built-in diagnostic system and restore utilities for emergency situations



Technical Specification:

Controller	
CPU	ARM Cortex-A9 1GHz
RAM	512 MB DDR3
Memory	2GB NAND executable code and data + 4/8GB microSD (up to 128MB)
Communication ports and protocols	
KNX Black&RED (KNX TP1–256)	1
10BASE-T / 100BASE-TX (Ethernet, 8P8C)	1
USB A (2.0)	1
Serial (for factory support only)	1
Protocols supported	HTTP, KNX, 100BASE-TX
Power	
Power supply	Non-polar DC 12 ... 30V
Wattage rating	2,5 W
Local management	
Indicators	Power; BUS; RxT; TxT
Keys (programmable)	Multi-functional (FNC); Reset (RST)
Operation	
Operating temperature	0 ... +40 °C
Storage temperature	-10 ... +50 °C
BOX	IP 20, DIN 40050
Safety	galvanic isolation KNX and Ethernet buses, isolation DC-DC, static electricity and input overvoltage protection
Concstruction	
Kopnyc (no DIN 43880)	DIN 43880, 4 modules
Size	92x70x65 mm
Weight	0,2 kg
Material	Plastic
Warranty	
1 year limited warranty	

A detail technical information presented:

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www.iridiummobile.ru

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