

Parameters

Technical Parameters:

Working voltage	12~30VDC
Power consumption	2.5W max.
Communication	RJ45, HDL Buspro, KNX Bus
BUS Terminal	0.6-0.8mm diameter single core cable
Operation system	iRidium Server software

Environmental Conditions:

Working Temperature	0°C~+40°C
Working relative Humidity	Up to 90%
Storage Temperature	-20°C~+60°C
Storage relative Humidity	Up to 93%

Approved:

CE, RoHS

Standard EN 61000-6-1, EN 61000-6-3

TP TC 020/2011

Product Information:

Dimension	72×95×61(mm)
Weight	0.25Kg
Housing material	ABS
Installation	35mm Din rail installation
Protection rating	IP20

HDL Buspro Cable Guide

HDL Buspro	HDL Buspro/KNX
DC24V	Red
COM	Black
DATA-	White
DATA+	Yellow

Installation Steps

- Install the IntelliCenter Model 2 on DIN-rail inside an electrical cabinet.
- Cable connections-Ensure the KNX cable, Buspro cable and power cable are correctly connected.
- Check network settings, and set network parameters.(The default IP and MAC addresses are marked on the label on the IntelliCenter Model 2 case.)

Overview



The **HDL-MSERVER/D.20 IntelliCenter Model 2 (iRidium Version)** is designed for continuous monitoring and management the devices in HDL BusPro and KNX-bus network via the iRidium Server software.

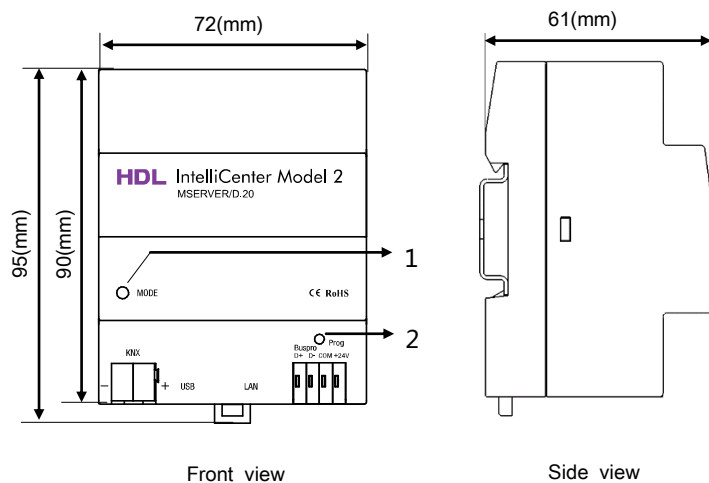
Functions

- Supports continuous monitoring and management the devices in HDL BusPro and KNX-bus network via the iRidium Server software.
- Supports installing SD card to expand the storage capacity.
- Supports easy programming.
- Exchange data between devices in HDL BusPro and KNX-bus network .
- Support online upgrades.
- Supports HDL Buspro and KNX Bus communication.

Important Notes

- Before installing the IntelliCenter Model 2, it is recommended to check network settings (default IP and MAC addresses are marked on the label on the IntelliCenter Model 2 case). If addresses are not known, you have to go through the initial setup of the IntelliCenter Model 2 and the Ethernet interface.
- The IntelliCenter Model 2 must be installed inside an electrical cabinet, equipped with DIN-rail.
- During installation, it is necessary to ensure that fastening of the housing and electric cables is secure.
- To ensure operation safety do not perform maintenance (connecting, troubleshooting, etc.) with power on the KNX bus and/or power bus IntelliCenter Model .2

Dimensions and Wiring (Unit: mm)



1. Power on / mode LED

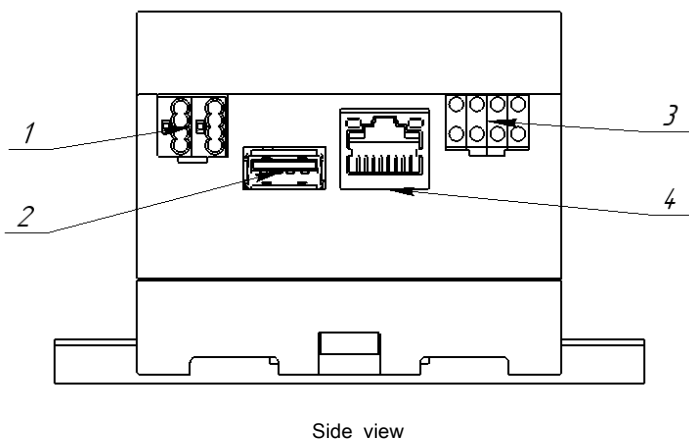
RED light - after power on, until operation system loading.
GREEN light - when operation system is loaded.

2. Prog button

For settings restore you have to perform the following steps:

- Disconnect HDL BUS plug;
- Press and hold the "Prog" button;
- Connect HDL BUS plug for power-on IntelliCenter Model 2;
- Wait for OS loading (30 - 60 seconds) without releasing the button "Prog" (As a result, the successful recovery the IntelliCenter Model 2.) will give a signal twice - LED blink blue light);
- Release the button "Prog".

After step d) the IntelliCenter Model 2 has a factory default network settings as listed on the case sticker.



1. KNX bus
2. USB-A connector (USB 2.0)
3. HDL Buspro connector
4. Lan RJ45 (Ethernet 100BASE-TX)

Safety Precautions

- IntelliCenter Model 2 installation must be performed according to regulations of electrical equipment installation and this instruction manual.
- Do not make wrong connection to Buspro and KNX interface, it will damage the Bus interface of this module.
- Never let liquids and corrosive gases come into contact with the module, it will damage this device.
- Do not get AC voltage into Buspro and KNX wire, it will damage all devices in the system.
- Ensure good ventilation.

Package Contents

- Device *1 / Datasheet *1 / HDL Buspro connector*1