

Technical Sheet For KNX Gateway for IR,Ceiling,V2

BTIRC-01/00.2

The worldwide STANDARD for home and building control

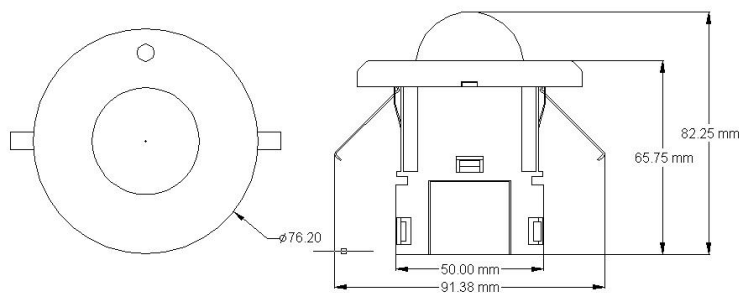
CHARACTERISTICS

- Support Universal IR control, up to 30 IR code can be configured for per channel
- Support Air-condition control, up to 266 IR codes can be configured, control functions include: ON/OFF, temperature, mode, fan speed, swing
- Supports up to 16 sequence control, each sequence supports up to 4 IR commands to be transmitted by step
- Support transmit with several times or delay time
- 360 degree full direction transmitting
- Download IR code to device via Configuration Tool or DCA before using

PARAMETERS

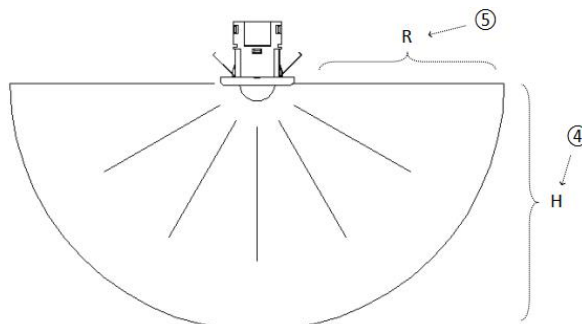
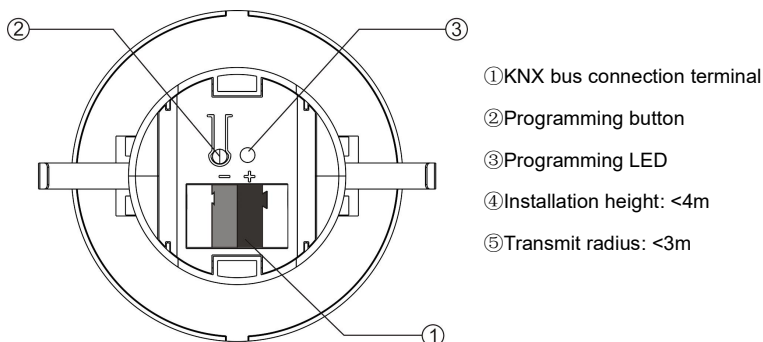
Power Supply	Bus voltage	21-30V DC, via the KNX bus
	Bus current	<8mA, 24V <7mA, 30V
	Bus consumption	<210mW
	Dynamic current	<14mA, 24V <12mA, 30V
	Output	IR wavelength
	Radius distance	<3m
Installation	Height	<4m
Connection	KNX	Bus connection terminal(Red/Black)
Operation and display	Programming button and Red LED	For assigning the physical address
	Green LED flashing	For displaying application layer running normally
Temperature	Operation	- 5 °C ... + 45 °C
	Storage	-25 °C ... + 55 °C
	Transport	- 25 °C ... + 70 °C
Environment	Humidity	<93%, except dewing

DIMENSIONS



Model	Dimension	Weight
BTIRC-01/00.2	91×76×82.25mm	0.05kg

CONNECTION DIAGRAM



INSTALLATION FIGURE

The extremely compact design enables the device to be Mounted in the ceiling. Make sure that the device operation, testing, detecting, maintenance correctly. When install, please note the IR detector of the Transmitter must be installed in areas that the IR device can detect normally, to avoid no action.

IMPORTANT INFORMATION

Installation and commissioning of the device may only be carried out by trained electricians. The relevant standards, directives, regulations and instructions must be observed when planning and implementing the electrical installation.

- Protect the device against moisture, dirt and damage during transport, storage and operation!
- Do not operate the device outside the specified technical data (e.g. temperature range)!

Should the device become soiled, it may be cleaned with a dry cloth. If this does not suffice, a cloth lightly moistened with soap solution may be used. On no account should caustic agents or solvents be used.

吸顶式红外发射器 V2 技术规格书

适用型号：
BTIRC-01/00.2

国际标准的家庭和楼宇控制系统

产品功能

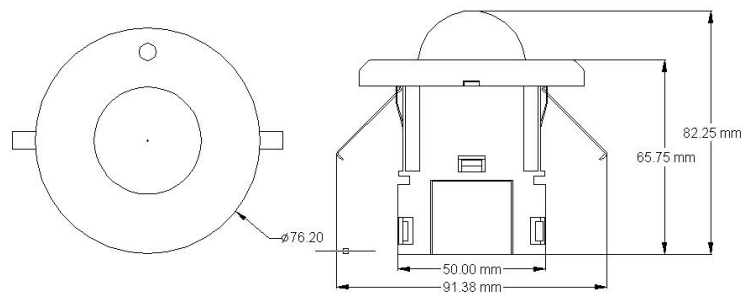
- 支持普通红外控制，每通道最多支持 30 个红外码配置
- 支持空调控制，最多可配置 266 个红外码，控制功能包括：开关控制、温度控制、模式控制、风速控制、扫风控制
- 支持最多 16 个序列控制，每个序列支持最多 4 个红外命令绑定发送
- 支持多次发射和延时发射
- 支持 360°全方位发射
- 使用前需在配置软件工具或 DCA 上将红外码下载到设备

技术参数

电 源	总线电压	21-30V DC, 由 KNX 总线提供
	总线电流	<8mA, 24V <7mA, 30V
	总线功耗	<210mW
	动态电流	<14mA, 24V <12mA, 30V
	输 出	红外波长
发射半径		<3m
安 装	高度	<4m
	连 接	KNX 总线连接端子(红/黑)
操作和指示	红色 LED 和按键	分配物理地址

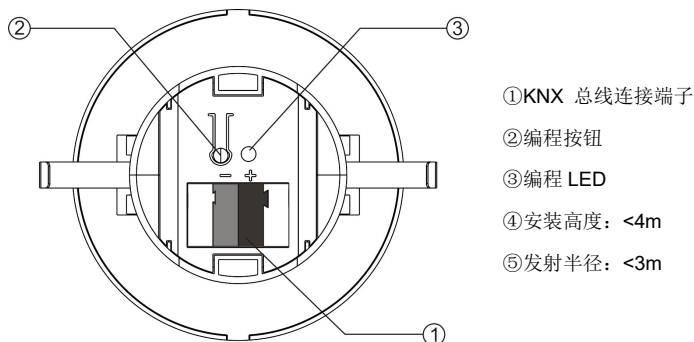
温度范围	绿色 LED 闪烁	指示设备应用层运行正常
	运行	-5 °C ... + 45 °C
	存储	-25 °C ... + 55 °C
环境条件	运输	-25 °C ... + 70 °C
	湿度	<93%, 结露除外

尺寸规格

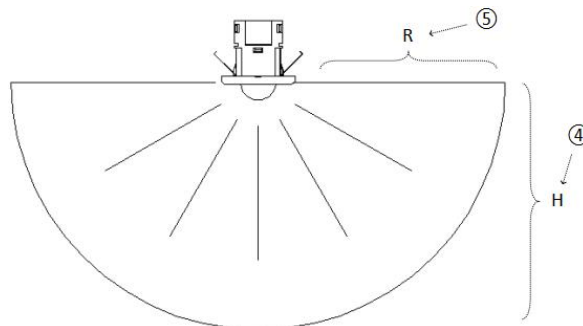


型号	尺寸	重量
BTIRC-01/00.2	91 × 76 × 82.25mm	0.05kg

接线图



- ①KNX 总线连接端子
- ②编程按钮
- ③编程 LED
- ④安装高度: <4m
- ⑤发射半径: <3m



安装说明

此设备设计紧凑，采用吸顶式安装。安装时必须确保设备操作、测试、检测、维护、维修正确无误。

安装时，注意发射器的红外探头必须安装在红外遥控设备能正常感应的范围之内，以免无动作。

重要提示

安装和调试设备只能由合格的熟练电工来操作。在计划与实施电气安装的过程中相关的标准、指令、规则和指示都要严格执行。

- 需要避免器件在运输、储存、使用的过程中受潮、脏污以及受损。
- 不要使器件运行在指定的技术指标之外（例如温度范围）。

当设备脏污时，只可以使用干燥的布来清洁。如果这样不足以清洁干净，可以使用湿布蘸少许肥皂溶液轻轻擦拭。绝不能使用碱剂或者腐蚀性溶剂。