

Technical Sheet For S7 Extension Sub Panel, 4 buttons with Rotary

CHRB-04/S7.1.10 (White, without camera)

CHRB-04/S7.1.11 (Black, without camera)

CHRB-04/S7.1.10 (White, with camera)

CHRB-04/S7.1.11 (Black, with camera)

The worldwide **STANDARD** for home and building control **CE**

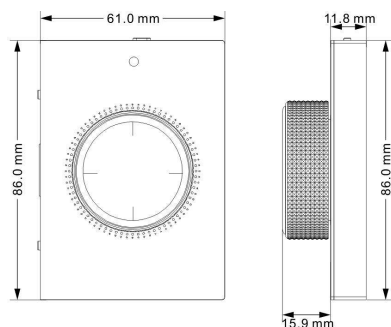
CHARACTERISTICS

- Support 4 buttons short and long operation
- Support color LED indication function and can automatically adjust the brightness according to the day /night mode
- Button can be customized as product control functions through the KNX Smart Touch S7, and optional installation function including switch, dimming, color temperature, color control(RGB,RGBW,RGBCW), curtain, scene, audio control, room temperature control, Air conditioner and Ventilation System control
- The rotary can be customized function as system volume or backlight brightness adjustment through the KNX Smart Touch S7. At the same time, the rotary can be automatically adapted to device functions, such as lamp brightness adjustment, curtain position adjustment, air conditioning temperature adjustment, fan speed adjustment, etc.
- Support color ambient light display and can customize ambient light color
- Support option camera function for video intercom and video monitoring

PARAMETERS

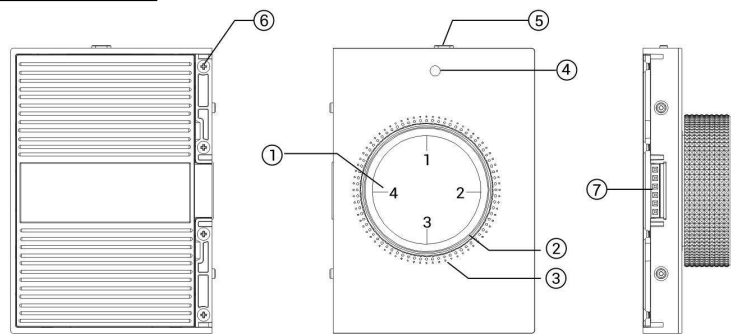
Power supply (with KNX Smart Touch S7)	Voltage	12-30V DC 5V DC (screen interface)
	Current	<237mA/24V DC <199mA/30V DC
	Consumption	<6W
Connection	6 PIN terminal	For power supply and communication port
Temperature	Operation	- 5 °C ... + 45 °C
	Storage	-25 °C ... + 55 °C
	Transport	- 25 °C ... + 70 °C
Environment	Humidity	<93%, except dewing
Installation	Installation with KNX Smart Touch S7	

DIMENSIONS



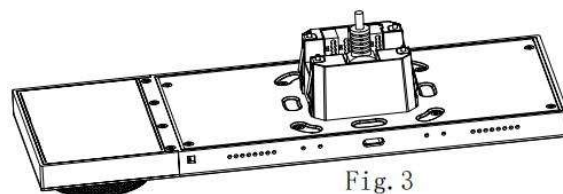
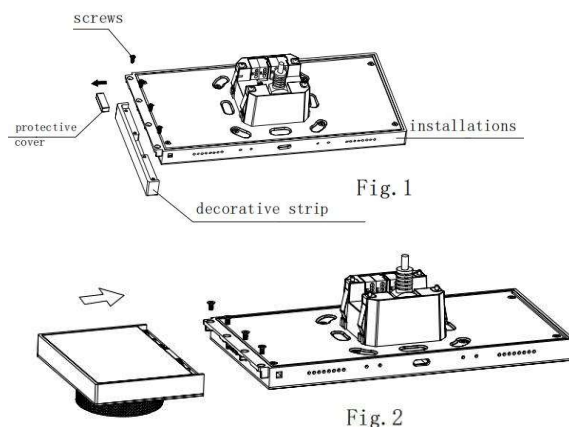
Model	Dimension	Weight
CHRB-04/S7.1.10、CHRB-04/S7.1.11 CHRB-04/S7.1.10、CHRB-04/S7.1.11	61.0 x 86.0 x 27.7mm	0.16kg

DESCRIPTIONS



- ①: Button 1~4 ②: Rotary button ③: Ambient lighting
④: Camera ⑤: Camera switch ⑥: screw hole
⑦: Interface connection to S7

INSTALLATION FIGURE



- 1.Remove the 4 screws that fixed the metal decorative strips on the KNX Smart Touch S7 and keep the screws,then remove the decorative strip and protective cover.As shown in Fig.1;
- 2.Assemble the 6PIN terminal of the S7 Extension Sub Panel with the connector block of the KNX Smart Touch S7 and fixed it with screws. As shown in Fig.2; S7 Extension Sub Panel and KNX Smart Touch S7 installations complete. As shown in Fig.3;

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.

适用型号：
CHRB-04/S7.1.10 (皓月白,无摄像头)
CHRB-04/S7.1.11 (曜夜黑,无摄像头)
CHRB-04/S7.1.10(皓月白,带摄像头)
CHRB-04/S7.1.11(曜夜黑,带摄像头)

国际标准的家庭和楼宇控制系统



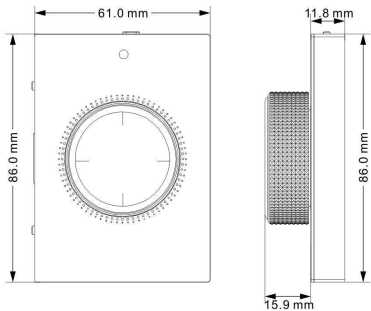
产品功能

- 支持 4 个按键长按和短按操作
- 支持彩色 LED 指示功能，并可以根据白天黑夜模式自动调节指示亮度
- 按键可通过配套屏幕(KNX 智能屏 S7)自定义为产品控制功能，可选设备功能包含开关、调光、色温、颜色控制(RGB、RGBW、RGBCW)功能、窗帘功能、场景功能、背景音乐功能、温控功能、空调控制、新风系统控制
- 旋钮可通过配套屏幕(KNX 智能屏 S7)自定义旋钮功能为系统音量调节或背光亮度调节。同时旋钮可自动适配设备功能，如灯光亮度调节、窗帘位置调节、空调设置温度调节、风速调节等
- 支持彩色氛围灯，并可以自定义氛围灯颜色
- 支持摄像头功能选配，用于实现可视对讲和视频监控功能

技术参数

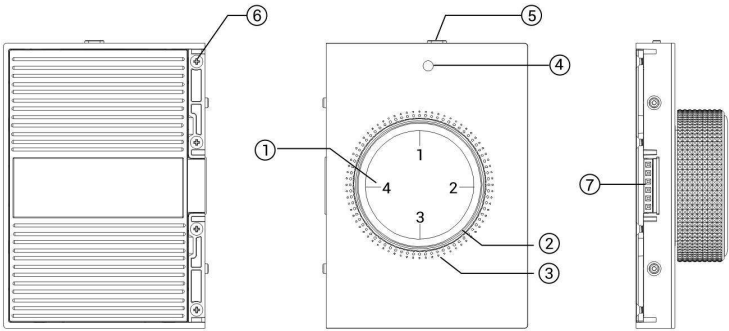
电源	电压	12-30V DC
	(带 KNX 智能屏 S7)	5V DC (屏幕接口)
	电流	<237mA/24V DC
	功耗	<199mA/30V DC
连接	6PIN 端子	用于供电和通讯端口
	温度范围	运行 - 5 °C ... + 45 °C
		存储 -25 °C ... + 55 °C
环境条件	湿度	<93%，结露除外
	安装	搭配 KNX 中控屏 S7

尺寸规格



型号	尺寸	重量
CHRB-04/S7.1.10、CHRB-04/S7.1.11 CHRB-04/S7.1.10、CHRB-04/S7.1.11	61.0 x 86.0 x 27.7mm	0.16kg

接线图



- ①：按键 1-4 ②：旋钮 ③：氛围灯 ④摄像头
⑤：摄像头开关 ⑥：螺丝孔 ⑦：与 S7 连接接口

安装说明

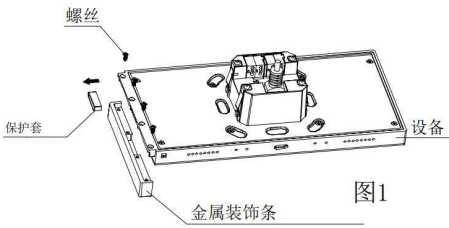


图1

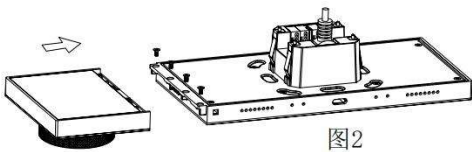


图2

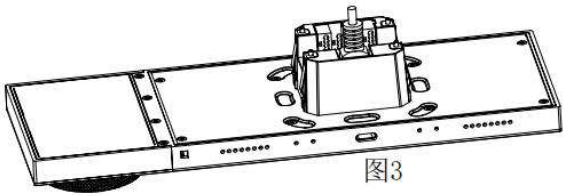


图3

- 1.用螺丝刀取出 KNX 智能屏 S7 上固定金属装饰条的 4 个螺丝，并将螺丝保存好。然后取下金属装饰条和套在插针上面的硅胶保护套。如图 1 所示；
3.将 S7 旋钮子面板的 6PIN 端子与 KNX 智能屏 S7 的连接座进行组装，并用之前卸下来的 4 个螺丝进行固定。如图 2 所示；S7 四键子面板与 KNX 中控屏 S7 安装完成。如图 3 所示；

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。