REDZ
SMART COMMUNICATION

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BKV Series
4 Port USB Hubs

Four USB Type A ports on one USB cable

- Extends one USB port to four USB Type A ports
- USB 2.0, fully compliant
- USB Type A or Type C cable, 3 m



The BKV USB hubs extend one USB port to four USB 2.0 Type A ports, for multiple USB devices.

Main Functions

1. **Four ports:**
   4 USB Type A female connectors.
2. **USB 2.0:**
   fully compliant with the Universal Serial Bus Specification Revision 2.0.
3. **Speeds:**
   high speed and full speed to the host; high, full and low speed to the ports.
4. **Status LEDs:**
   PWR shows hub activity, USB 1 to USB 4 show the ports in use.
5. **USB cable, 3 m:**
   Type A or Type C cable, chosen by model.

Key Figures

4 ports
USB Type A female connectors

USB 2.0
fully compliant with the USB 2.0 specification

3 m
USB cable, Type A or Type C

0 to 70 C
operating temperature

What it does

- Extends one USB port of a PC to four USB 2.0 Type A ports, for multiple USB devices.

What it shows

- PWR lights when the hub is powered properly; USB 1 to USB 4 light when the relevant port is used.

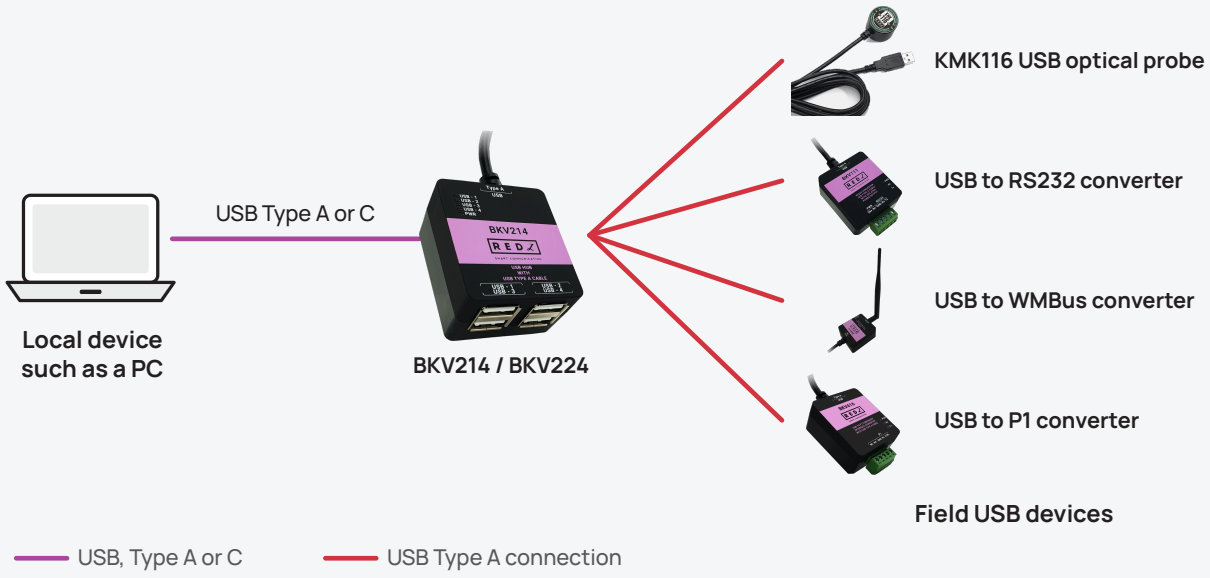
What it is for

- Connecting several USB devices, such as optical probes, to one PC.
- Reading several energy meters through one hub, each with its own USB optical probe.

Technical Data

	BKV214 USB Type A cable	BKV224 USB Type C cable
USB cable	USB Type A, 3 m cable	USB Type C, 3 m cable
Ports	4 x USB Type A (female) downstream ports	
Specification	USB 2.0, fully compliant	
Speeds	Upstream high speed and full speed; downstream high speed, full speed and low speed	
Transaction translator	Single transaction translator shared by the four ports	
Power	From the host USB port only (no external supply); the four ports share it, no per-port current limit	
LEDs	PWR (hub active), USB 1 to USB 4 (port in use)	
Operating temperature	0 to 70 C	
Dimensions	Approx. 43 x 48 x 26.5 mm (without cable)	
Enclosure	ABS, black	

Typical Application



Typical application: one USB port of a PC feeds four USB devices through the hub.

Connect and Use

1. Connect the USB cable to the PC and complete the installation of the driver.
2. Connect the USB devices to the Type A ports of the hub.
3. Use the application of each USB device to interact with it.
4. Check the LEDs: PWR shows that the hub is powered, USB 1 to USB 4 show the ports in use.

Ordering Information

BKV214: 4 Port USB 2.0 Type A Hub With USB Type A Cable

BKV224: 4 Port USB 2.0 Type A Hub With USB Type C Cable