

# Recon USB Host Bundle FAQ



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## Light Cone Recon USB Host Bundle FAQs

### What is the Light Cone Recon USB Host Bundle?

The Light Cone USB Host bundle allows a Recon user to add a USB Host port to their a handheld/PDA. The bundle consists of a CompactFlash USB Host card (SolarExpress PDA II) and a Recon USB Host endcap (Cap Top). The bundle expands the mobile world of the Recon user by providing access to portable USB peripheral devices.



Working with new applications such as Schlumberger Water Services groundwater monitoring datalogger devices are now possible.

### What are the key features of the Recon USB Host Bundle?

Light Cone Recon USB Host Bundle offers the following features and benefits:

- Adds one standard A USB 1.1 Host port
- User can now connect USB peripheral devices directly to their Recon handheld/PDA
- USB peripheral connection viewer called “SolarExpress PDA II Monitor”

- Users can see the type of USB peripheral device connected to their Recons
- Recon USB Host endcap (Cap Top) uses Trimble-approved materials, specification and processes
- USB Host endcap acts in the same fashion as current Trimble current Cap Tops
- Teksoftco mouse pointer driver called “USBInput”
- Displays the USB Mouse pointer on the Recon handheld/PDA screen
- An 18” Y-USB Host cable
- User can provide extra USB current to power hungry-USB devices via laptops, desktops or mobile power packs
- Standard Type A host port connector on the Recon endcap (e.g. laptops, desktops)
- No special USB dongle cable required to connect to USB peripheral devices

### **What is included in the Recon USB Host Bundle?**

- Recon USB Host CF Endcap (Cap Top)
- SolarExpress PDA II (CF USB 1.1 Host card)
- Y-USB Host cable (18-inch)
- Teksoftco’s USB Mouse pointer driver with graphical user interface setup
  - Requires Windows Mobile 5.0 and higher
- SolarExpress PDA II USB peripheral connection display program

### **Which Windows Mobile Operating Systems are supported?**

- Windows Mobile 6.0
- Windows Mobile 5.0
- Windows Mobile 2003 SE
- Windows Mobile 2003

## What Recon hardware is required to use the USB Host bundle?

A Recon *Cap Base* is required to attach the USB Host CF Endcap (Cap Top) to the Recon handheld/PDA. Current users of a Recon Extended CF-Cap, Midsize CF-Cap or Optical CF-Cap already have a *Cap Base* attached to their enclosure housings.

## Which USB peripherals are supported?

- Printers (e.g. HP Deskjet and Mobile Deskjet printers)
- Flash drives
- FAT formatted external hard drives, (NTFS formatted drives are not supported)
- Mouse
- Digital Cameras that support a mass storage USB connection
- Keyboards

A more comprehensive list is provided at the SolarExpress PDA II Blog [www.lightconecorp.net/blog](http://www.lightconecorp.net/blog)

## How many USB peripherals can be connected at one time?

As many as 27 USB peripheral devices can be connected, at one time, by “nesting” up to 5 USB hubs.

## How much current does the USB Host port provide?

The USB Host port can supply up to 5V@200mA max. The included Y-USB Host cable provides additional current for power-intensive devices such as self-powered hard drives.

## Where can I get more information?

E-mail [sales@lightconecorp.com](mailto:sales@lightconecorp.com)

Visit the Light Cone website at [www.lightconecorp.com](http://www.lightconecorp.com)

Contact your local Trimble handheld/PDA Reseller.

