# SD-VUE/52
## Dual Video
## USB Mini Extender

*All you need to extend two channels of high-resolution video and fully transparent USB 1.1 up to 50m over Category 5, 5e, 6 or Level 7 (CATx) cable.*

- **Dual-head video support**

- **High video resolution:
  1600x1200@75Hz over 50m**

- **Transparent USB 2.0
  (low/full speed only)**

- **Integral 4-port USB hub**

- **Dual local video output**

- **Emulated VESA DDC for each
  video channel**

- **Status indicator LEDs on RJ45 ports**

- **Local unit powered directly by PC
  (optional 5V PSU connection)**

- **Rack-mountable (3 units across 1U)**

- **Surge-protected CATx interfaces**

*Remote unit - front view*

## Contents

- Extender Remote unit
- 5V DC universal power supply for Remote unit
- Extender Local unit
- CPU cable set (1.0m) with USB and VGA video (HD15 M-F) connectors
- Video cable (1.0m)
- IEC AC power cord
- Quick start guide

*Local unit - rear view*

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## Specification

### Video

| | |
|---|---|
| **Maximum Resolution** | 1600x1200@75Hz over 50m<br>Operation at higher resolutions/ refresh rates may be possible at shorter distances |
| **Video Compatibility** | VGA to UXGA, RGB |
| **Video I/O** | 0.7V P-P |
| **VESA DDC** | Emulated DDC for each video channel Local Unit reports as monitor capable of all resolutions and refresh rates normally used with product. For different resolutions, choose manually in OS and ignore DDC. |
| **Video Compensation** | 2-stage: switch-selectable |
| **Video Coupling** | DC |
| **Sync I/O** | Separate/Composite TTL level<br>Sync on green<br>Sync polarity is preserved |
| **Video In Connectors** | HD15 (male) |
| **Video Out Connectors** | HD15 (female) |

### USB

| | |
|---|---|
| **USB Compatibility** | Transparent USB 2.0 compliant (low/full speed only) |
| **Connectors(CPU)** | 1 x USB B socket |
| **Connectors (Device)** | 4 x USB A socket |
| **Extension Distance** | 50m (nominal)<br>Maximum distance achievable may vary between 40 and 60m depending on system. Adding external USB hubs may decrease the maximum extension distance by up to 10m for each hub added.<br>Adding bus-powered hubs in front of the Local Unit is not recommended. |

### Power Requirements

| | |
|---|---|
| **Local Unit** | 5V supplied by CPU or powered hub. Connector available for optional 5V PSU. |
| **Remote Unit** | 5V regulated, 4A (20W) PSU supplied<br>Universal IEC Input<br>2.1mm DC jack (centre positive) |

### Size and Shipping Weight

| | |
|---|---|
| **Local Unit** | 120x110x44mm (1U) |
| **Remote Unit** | 138x98x29mm |
| **Shipping Weight** | 1.7 kg |

### Environmental

| | |
|---|---|
| **Operating Temp** | 0 to 40 °C |
| **Storage Temp** | -30 to 65 °C |
| **Relative Humidity** | 5-90% non-condensing |
| **Chassis Construction** | Fully shielded. Black painted steel |
| **Approvals** | CE and FCC (Class A) |

## Application



CPU

Local Video Output

Local Unit

*USB and video extension over CATx cables up to 50m*

Remote Unit

Second Video Display

Remote Console

USB Devices