

SD-VUE/50

USB Mini Extender

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

- **High video resolution: 1600x1200@75Hz over 50m**
- **Transparent USB 2.0 (low/full speed only)**
- **Integral 4-port USB hub**
- **Local video output**
- **Emulated VESA DDC**
- **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
- IEC AC power cord
- Quick start guide



Local unit - rear view

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Specification

Video

Maximum Resolution 1600x1200@75Hz over 50m
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

Sync on green

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 (150') nominal
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.

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
Universal IEC input
2.1mm DC jack (centre positive)

Size and Shipping Weight

Local Unit 120x110x29mm

Remote Unit 138x98x29mm

Shipping Weight 1.5 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

