SDMX/S2

Dual Channel
PS/2 Mini Extender Kit

All you need to extend two channels of high-resolution video and PS/2 keyboard and mouse signals up to 50m over Category 5, 5e, 6 or Level 7 (CATx) cable.

- **Dual-head video support**

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

- **DDC support on both video channels**

- **Flash upgradeable**

- **Control and video tuning from Remote keyboard (settings stored in EEPROM memory)**

- **Surge-protected CATx interfaces**

- **Status indicator LEDs on RJ45 ports**

- **Small footprint chassis**

- **Rack mount kit available**

Remote unit - front view

Contents

- Extender Remote unit
- 5V DC universal power supply for Remote unit
- Extender Local unit
- KVM CPU combination cable (1.0m) with PS/2 keyboard and mouse connectors, VGA video connector, and 25-way extender connector
- CPU secondary video cable (1.0m) with VGA video connectors
- IEC AC power cord
- Quick start guide

Local unit - rear view

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Specification

Video

Maximum Resolution	1600x1200@75Hz over 50m
Video Compatibility	VGA to UXGA, RGB
Video I/O	0.7V P-P
VESA DDC	Local unit emulates universal monitor. DDC information may be disabled, flash-upgraded or read from remote monitor(s).
Video Compensation	Two ranges: 5-25m, 25-50m; set by keyboard command
Video Coupling	DC
Sync I/O	Separate/Composite TTL level Sync on green Sync polarity is preserved
Video In Connectors	Primary video: DB25 (female) Local units (KVM); Secondary video: HD15 (male)
Video Out Connectors	HD15 (female)

Keyboard and Mouse

KB Compatibility	PC/AT, PS/2
Mouse Compatibility	Standard PS/2 two/three button Standard wheel mice
Connectors(CPU)	DB25 (female) (KVM)
Connectors (Device)	6-pin miniDIN socket

Power Requirements

Local Unit	5V 200mA (max) supplied by PC's PS/2 keyboard port. External PSU (not included) may also be connected to unit's 2.1mm DC jack socket
Remote Unit	5V DC, 0.75A (max) 2.1mm DC jack (centre positive)
Remote Unit PSU	5V DC, 4A (20W) Universal IEC input 2.1mm DC jack (centre positive)
Overvoltage Protection	Units switch off if input exceeds 5.6V

Size and Shipping Weight

Local Unit	145x100x29mm
Remote Unit	138x100x29mm
Shipping Weight	1.9 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, FCC (Class A)

Application

CPU

Local Unit

KVM Extension over CATx cables up to 50m

Remote Unit

Second video display

2

Remote console