T H E P O S S I B I L I T I E S A R E I N F I N I T E

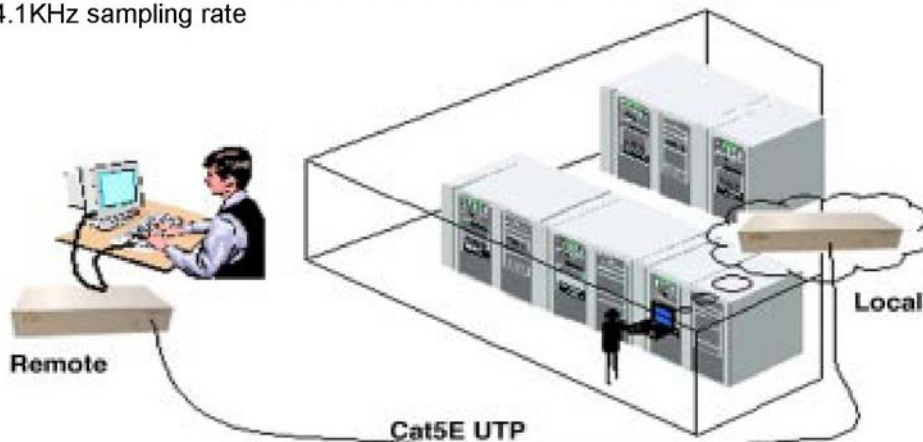# SERVIS
Cat5 Extender series

Cat5 Extender Unit - NC14003-B713

Fujitsu Components' Cat5 Extender DA enables the user to operate the computer, its console (keyboard, mouse, and monitor), and audio port at intervals, up to a distance of 200m. This unit also comes with a RGB color quality adjustment circuit.

■ FEATURES
• Operate computer and console/audio remotely, up to 200m at XGA.
• Remote control system uses popular Cat5E UTP cable to provide the bandwidth for high quality video and audio.
• Supports high display resolution: XGA, SXGA, and UXGA.
• Superior display: RGB color quality adjustment circuits are installed within unit.
• The unit supports various input device interfaces for computer : PS/2, USB, and SUN I/O
• The unit supports 2 input device interfaces for console : PS/2 and SUN I/O
• It is possible to control multiple servers remotely, with the combination of Fujitsu's KVM series.
• Superior Stereo Sound Control:
    - Stereo audio is digitized to achieve clear sound transmission
    - Audio bandwidth up to 20KHz
    - 16-bit digital audio converter provides CD quality sound remotely using 44.1KHz sampling rate

■ SPECIFICATIONS

Model		ServisTM Cat5 Extender DA	
Part Number		NC14004-B713 *	
Unit		Local Extender (Transmitter)	Remote Extender (Receiver)
LED Display	Power (green)	1	1
Console	Keyboard	PS/2 interface: Mini-Din 6pin, Female x1	
		Sun I/O interface: Mini-Din 8-pin, Female x1	
	Mouse	PS/2 interface: Mini-Din 6pin, Female x1	
	Audio	Stereo mini Jack: Audio Line out x1	Stereo mini Jack: Audio Line out x1 *
Server / PC port	Interface for Server/PC side — Keyboard Interface	PS/2, USB, Sun-USB, Sun I/O	-
	Mouse Interface	PS/2, USB, Sun-USB, Sun I/O	-
	Monitor	Analog RGB	-
	Audio	Audio line out	-
	Connector for Unit side — Keyboard/Mouse/Monitor	Mini D-SUB 15 Pin female	-
	Audio	Stereo mini Jack: Audio Line out x1	-
Monitor	Resolution, refresh rate	1600 x 1200 (max.), 75Hz	
	Signal supported	Separate Sync	
Connection between Transmitter and Receiver Units	Data Transmission	Fujitsu Components Limited unique data transmission	
	Console Port	RJ45 (Cat5) 8 Line x1	
	Audio Port	RJ45 (Cat5) 8 Line x1	
	Cable	Cat5E UTP cable	
	Distance (by monitor resolution) — UXGA:1600 x 1200	30-50m	
	SGXA: 1280 x 1024	30-150m	
	XGA: 1024x 768	30-200m	
Power Supply / Power Consumption		5VDC / 0.7A (DC) max.	5VDC / 0.8A (DC) max.
Operating Environment Temperature/Humidity		0 to 40° C, 10 to 80RH (must be free of condensation)	
Storage Temperature		-20 to 60° C	
Composition		Painted (ivory) metal case	
Size (W x D x H)		220 x 120 x 42 mm	220 x 127 x 42 mm
Included accessories		2 Adapters x (AC power cable not included, must be purchased separately for specific country support) 1 User manual / 4 Masking stickers / 4 Rubber feet / 2 Cable clamp / 1 Adjustment stylus / 2 Ferrite core	
Agency Approval		C-UL, FCC Class A, CE	

*Please contact our sales office for special model with XLR connectors.

Note: Terminology in documentation may vary slightly as below:
Local Extender/ Extender-T = Transmitter
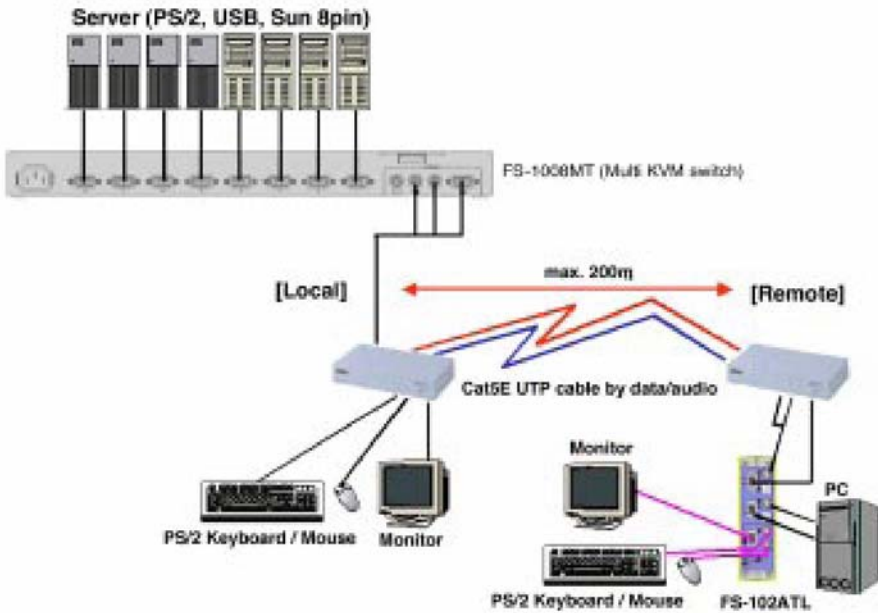Remote Extender / Extender-R = Receiver

■ **OPTIONAL ACCESSORIES**

Item		Part Number	Remark
Optional AC power cables		NC14004-B077	US Version
Optional Interface cables	PS/2	NC14000-B002/ NC14000-B602	1.8m cable
		NC14000-B003/ NC14000-B603	3.0m cable
		NC14000-B005/ NC14000-B605	5.0m cable
	USB cable (effective both USB: PC /Sun)	NC14000-B102	1.8m cable
		NC14000-B103	3.0m cable
		NC14000-B105	5.0m cable
	IBM x330, x335 series	NC14000-B502	1.0m cable
		NC14000-B503	3.0m cable
Cat5E UTP cables	Optional Cat5 Extender remote cables	NC14000-B703	Cat5E UTP cable 30m
		NC14000-B705	Cat5E UTP cable 50m
		NC14000-B710	Cat5E UTP cable 100m
		NC14000-B715	Cat5E UTP cable 150m
		NC14000-B720	Cat5E UTP cable 200m
Optional Audio cable		NC14004-B722	1.8m stereo audio mini-jack
Optional Rack Mount Panel		NC14004-B323	Cat5 Extender Mount Kit

■ EXAMPLES FOR CONNECTION

■ EXAMPLES FOR APPLICATION