

IP-SERIAL CONSOLE SWITCH to access serial devices from anywhere via the internet



Our Solution

There is an increasing demand for remote management capability. Not only managing data centers and maintaining networks, but also critical industrial processes and commercial automation become more severe and require remote control.

Most devices used in these applications, such as servers, routers, PLCs and scanners can be controlled remotely via a RS232 serial signal.

Fujitsu's SERVIS™ IP-serial console switch allows you to send and receive serial signals from anywhere in the world, through internet.

Examples of applications and industries requiring remote control:

- Headless servers
- Network devices, like routers and LAN switches
- Industrial automation (process control)
- Back office
- Medical and healthcare industry
- Retail industry (POS)
- Power supply management

To meet the increasing demand for remote management capability of devices, Fujitsu developed a SERVIS™ IP-serial console switch that enables you to send and receive serial signals from anywhere in the world, through internet.

Key Features

Fujitsu's new IP-serial console switch offers various major advantages:

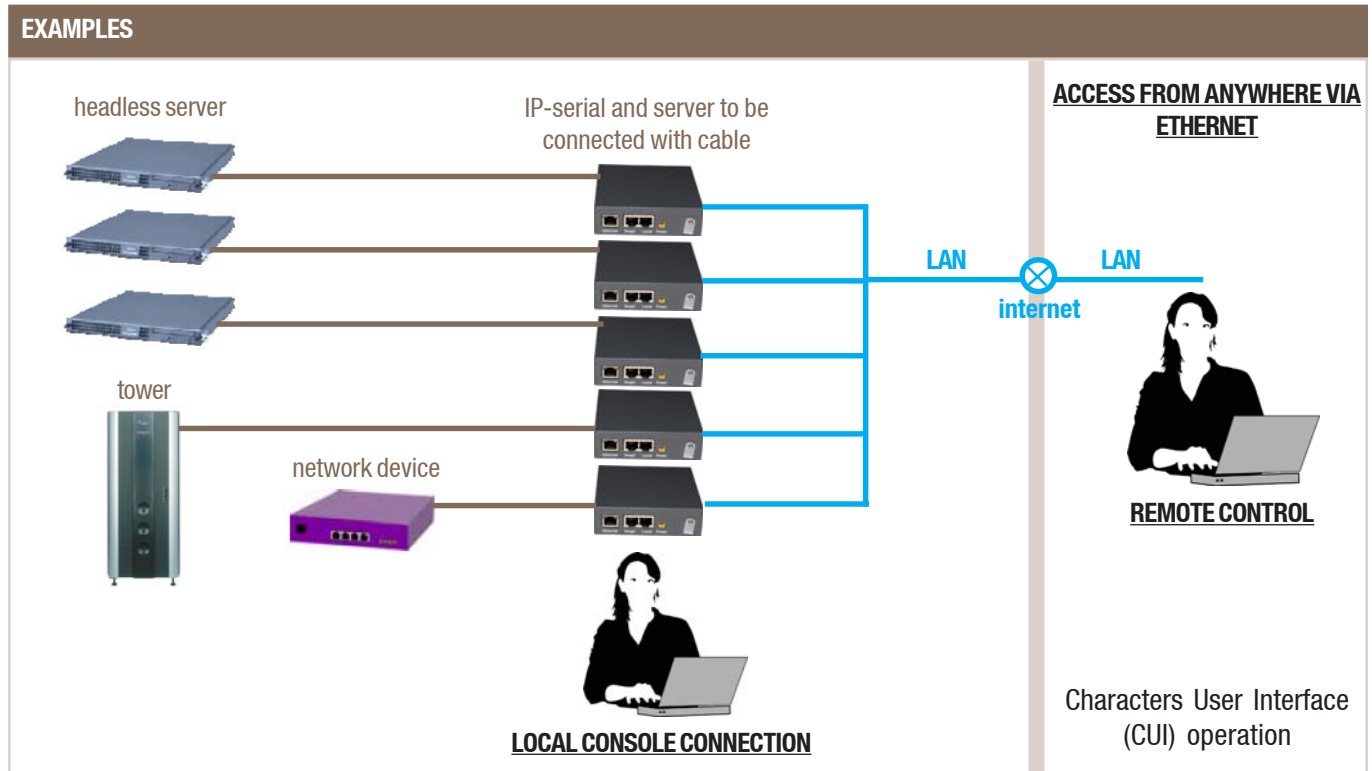
- **Remote control of serial devices via the internet** - the IP-serial supports SSH, Telnet and IP v4.
- **Security** - the data transmission is encrypted to prevent information leakage (AES, RSA and MD5). Access is password protected, up to four general users and one administrator profile can be defined.
- **Easy setup and installation** - and unnecessary to install software.
- **Compact size** - 110(W) x 114(D) x 32(H) mm
- **Serial access to server** - enables users to see the Boot message and all other data available through the serial port.

PRELIMINARY DATASHEET SERVIS™ IP-SERIAL



THE POSSIBILITIES ARE INFINITE

Typical Connection



Specification

SERVIS™ IP-SERIAL		
Part number	FX-3001SR	
Connected ports	1	
CPU	Type	32-bits CPU
	Clock	180MHz
Memory	Main	64MB
Network	Type	10BASE-T, 100BASE-TX
	Auto negotiation	Yes
	Manual setting (Dip switch)	On/Off setting of auto negotiation
		If auto negotiation is Off: - DHCP or PnP On/Off - Duplex half/full switching -10BASE & 100BASE switching
	Protocol (Ethernet spec) Encryption way	Telnet, SSH 1/2/3, FTP, SFTP, NTP AES, RSA and MD5
Serial communication	Type	Signal: RS-232C
	Speed	300bps to 115kbps
	Buffer of transmit and receipt	8MB (on memory), cyclic Outer CF
Connector	RJ-45	For network x1 pc For local console x1 pc For target x1 pc
Power	Input rating	DC5V
	Power consumption	DC5V, 1A
Outer dimensions	110 (W) x 114 (D) x 32 (H) mm	
Weight	420 gram	

ACCESSORIES	
Item	Part number
Conversion adapter (RJ45 to D-sub9p)	FP-AD009RJ
Conversion adapter (RJ45 to D-sub9p Cross)	FP-AD009RJX
Conversion adapter (RJ45 to D-sub25p)	FP-AD025RJ
Conversion adapter (RJ45 to D-sub25p Cross)	FP-AD025RJX
Rack mount kit	FP-P006

About Fujitsu Components Europe B.V.

Fujitsu Components Europe B.V. is responsible for managing the sales, marketing and distribution of its connectors, relays, KVM-switches, touch panels, thermal printer mechanisms, keyboards, and pointing and input devices, in Europe, Middle East and Africa.

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