IP REMOTE

Connectivity Solution – KVM Extender over IP

Remote control PCs over LAN/WAN infrastructure. Eliminate heat and noise radiation at the desk. Use office space more effectively and benefit from smaller desk footprints without computers at the workplace.

WEYTEC ipREMOTE

Description

WEYTEC ipREMOTE is a secure and highly reliable IP KVM Extender featuring SFP modules. Now you can remote all your workstations into a protected and air-conditioned area. Centralizing computers in a system room saves energy and costs for air conditioning, improves data security and minimizes maintenance efforts.

WEY IP Remote is platform independent. Neither software nor driver installations are required. The PC's integrity is completely assured. 100% of computing power is always available. State-of-the-art lossless compression technology minimizes bandwidth requirements. The video quality is brilliant. In case of a PC failure, switch instantly to a preconfigured spare device.

Features

Using LAN/WAN infrastructure, ipREMOTE transmits every physical port on a PC over a separate channel. This is TRUE Channel Communications. All channels can be switched independently and in any combination with each other. You can connect digital and analogue video, DDC, Audio, USB, PS/2 and serial data signals from any computer to any workplace.

Transmission / Distance

The IP Remote protocol is based on standard TCP/UDP communication. Depending on the characteristics of the infrastructure, you can transmit over great distances within IP networks. SFP modules support copper, multi- and single mode fiber for tremendous flexibility.

Move, Adds & Changes and Free Seating

Gone are the days of physically moving PCs, pulling cable and swapping peripherals. With WEYTEC's ipREMOTE, MACS (moves, adds and changes) are just a click away. Enjoy the freedom of true free seating, just login at any desk and continue working.
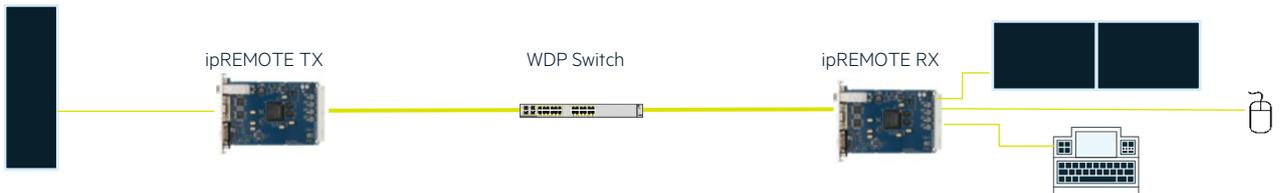
Product Line

ipREMOTE Receivers (RX) are connected to desk peripherals while Transmitters (TX) are connected directly to the PCs or workstations. ipREMOTE cards can be mounted in a selection of chassis with either integrated or external power supplies. For high port density, the 19" 3U chassis with redundant power supplies houses up to 32 video channels in one chassis.

WEY Technology AG · WEYTEC_ipREMOTE_FLY_en.docx · 25.10.2018
Dorfstrasse 57 · 8103 Unterengstringen · Schweiz · T +41 44 751 89 89 · info.ch@weytec.com · www.weytec.com

1

Dedicated Point-to-Point Connection

ipREMOTE within a WEYTEC distributionPLATFORM

IPREMOTE MODELS

	ipREMOTE I	ipREMOTE II	ipREMOTE II DisplayPort	ipREMOTE 4K
Video Input/Output	2x DVI-I (Analog/Digital)	2x DVI-D (Digital)	2x DisplayPort 1.1	2x miniDisplayPort 1.2
Video Resolution	2x Single-Link DVI/VGA up to 1920 x 1200@60Hz 1x Dual-Link DVI up to 2560 x 1600@60Hz	2x Single-Link DVI up to 1920 x 1200@60Hz	DisplayPort 1 up to 2560 x 1600@60Hz 3840 x 2160@30Hz DisplayPort 2 up to 1920 x 1200@60Hz 2560 x 1600@30Hz	2x up to 4096 x 2160@60Hz
Colour-Depth	Max. 24 bit (RGB888), DL resolutions in 16-bit only	Max. 24 bit (RGB888)		
Compression	Frame differencing (lossless) or dynamic compression			
DDC	E-EDID 1.3: Copy over IP, "hot swap" of remote monitor, programmable emulator.			
Audio	2x 3.5" jack (stereo): 1x line, 1x line/microphone			
Periphery connections	HID keyboard + mouse (USB/PS2) 1x hard disk (USB 2.0 Full Speed) 2x RS232	HID keyboard + mouse (USB/PS2) 1x USB transparent (USB 2.0 Full Speed, max. 16 end points) 2x RS232		HID keyboard + mouse (USB/PS2) 1x USB transparent (USB 2.0 Full Speed, max. 16 end points)
Network	SFP, 1Gbit copper (BASE-T) or fiber (BASE-X)			SFP, 1/ 2.5/ 5Gbit copper (BASE-T) or 1Gbit fiber (BASE-X)
MTBF	250kHrs			

WEY Technology AG · WEYTEC_ipREMOTE_FLY_en.docx · 25.10.2018
Dorfstrasse 57 · 8103 Unterengstringen · Schweiz · T +41 44 751 89 89 · info.ch@weytec.com · www.weytec.com

2