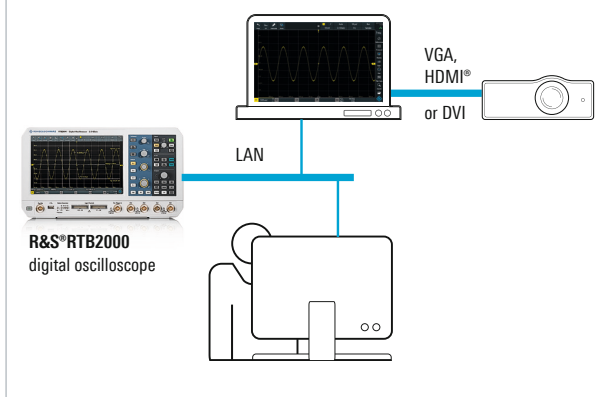


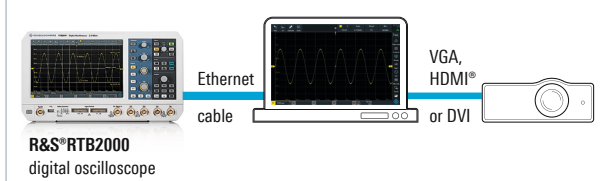
Project your oscilloscope screen with display over LAN

The R&S®RTB2000 digital oscilloscope lets you share your scope's display with any computer/projector via LAN or Internet. The oscilloscope comes with an RJ-45 Ethernet jack and a built-in web server (as standard). The screen is displayed via a direct connection to a PC, via LAN or over the Internet.

Connection via LAN



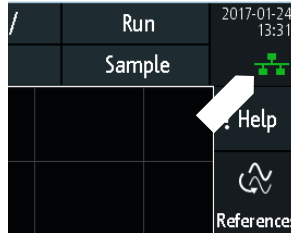
Direct connection to PC



Project the screen content

The following instructions guide you through the steps needed to project your oscilloscope's screen content:

- Use an Ethernet cable to connect the oscilloscope to either your local area network (LAN) or directly to your PC (see figures on left)
- The LAN icon turns green once the oscilloscope obtains the IP address from the network's DHCP server. If your network needs a predefined fixed IP address, please contact your administrator to obtain one



- Touch the green LAN icon on the oscilloscope's display and select parameters to find the IP address. If you need a fixed IP address, change the IPI mode to manual and enter the specified IP address

Ethernet Setup	
IP Mode	DHCP/Auto IP
IP	10 . 212 . 0 . 144
Subnet mask	255 . 255 . 252 . 0

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- Open an Internet browser on your PC (e.g. Internet Explorer, Chrome or Firefox) and enter the IP address of the oscilloscope into the address bar. The instrument's web interface will now appear

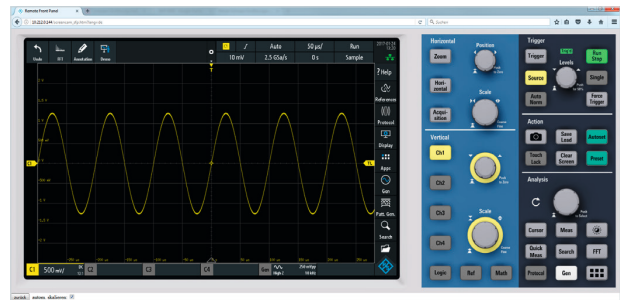


- Click "Livescreen" in the menu on the left to obtain a continuously updated image of the oscilloscope display in your browser (the browser can be resized). You can use the "Remote Front Panel" to fully operate the instrument

All the methods for displaying applications on your PC can be used with the oscilloscope display in the browser. Connect the oscilloscope to an external projector to share its screen content with a larger group. Use PC conferencing applications to share the oscilloscope display on your PC with remote users.

Interactive remote display

To interact with the oscilloscope, use the previously described remote front panel. In this view, all elements can be directly controlled. A click on the Autoset button, for example, initiates an autoset just like a press on the real button would do.



Alternative approaches

If no additional PC or LAN is available at your desk, you can use a small embedded PC such as Raspberry Pi. These extremely low-cost PCs offer all the features needed to display the signal. Use the same steps as described before to project the oscilloscope display. The projector can be connected directly to the display output of the RaspBerry Pi.

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