**Advanced IP Scanner**

Reliable and free network scanner to analyze LAN. The program shows all network devices, gives you access to shared folders, provides remote control of computers (via RDP and Radmin), and can even remotely switch computers off. It is easy to use and runs as a portable edition. It should be the first choice for every network admin.

An IP scanner is a software tool or network utility that is designed to scan a network and identify active devices, such as computers, printers, routers, and other networked devices, by their IP addresses. The primary purpose of an IP scanner is to discover and map devices on a network, providing information about their IP addresses, MAC addresses, and sometimes additional details like the device's manufacturer.

IP scanners are commonly used by network administrators and security professionals to:

1. **Network Discovery:** Identify all devices connected to a network.
2. **IP Address Management:** Keep track of IP addresses and their associated devices.
3. **Security Audits:** Detect unauthorized devices or potential security threats.
4. **Troubleshooting:** Diagnose network issues by identifying active and inactive devices.
5. **Inventory Management:** Maintain an inventory of networked devices.

There are various types of IP scanners, including both graphical user interface (GUI) tools and command-line tools. Some IP scanners provide additional features like port scanning to identify open ports on devices, while others focus solely on discovering devices in a network. It's important to note that the use of IP scanning tools should comply with ethical and legal standards, and obtaining proper authorization is crucial before scanning a network.

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