

Network Terminal



Description

The Metasys Network Terminal (NT) is a rugged, portable device that allows the operator to monitor equipment, set limits, and issue commands to the HVAC system right from the mechanical equipment room. It plugs into the Network Control Unit as easy as a home appliance plugs into a standard electric outlet. The NT can be mounted permanently at the NCU.

The NT does not use a keyboard for operator entry; rather, it features a touchpad that the operator drags a finger across to move the cursor on the menu-driven, liquid-crystal display. The touchpad is part of the unit, so no mouse or other pointing device needs to hang obtrusively from the unit.

With a Network Terminal connected to an NCU, the operator can view equipment status, issue overrides, or make parameter and schedule changes anywhere in Metasys, restricted only by his or her password. The seamless nature of Metasys allows the operator immediate access to equipment controlled by any NCU on the network.

Other information the NT can show includes room temperatures, historical trends, and alarm and override conditions. With this information, the operator can adjust set points, alarm limits, and control loop parameters. Overriding or adjusting automatic controls -- and then returning them back to normal -- can be done with the NT. If the system detects a malfunctioning piece of equipment, that piece can be disabled from the NT so that it won't interfere with other building functions.

Continuous point display is another useful feature of the NT. The operator can program the NT to continuously display any six points on the screen whenever the operator is logged off. This makes the NT into a convenient status panel in the equipment rooms, where vital facility status can be viewed at a glance.

A remote NT option is also available that allows the operator to use the NT remotely from the NCU. This option provides access to Metasys from out-of-the-way locations. The remote NT requires the installation of NT jacks on a remote NT trunk. An NT jack can be up to one mile away from the NCU.

As a final option, the NT Emulator turns a desktop or laptop PC into an NT. The NT Emulator can perform the same Metasys functions as the NT, such as overriding temperature set points and changing schedules. For added convenience, the operator may connect the NT Emulator to the Network Control Module (NCM) either locally or remotely.

Features

- touchscreen input that is easy to use
- fully-prompted, menu-driven input with online help screens to assist you
- facility-wide information management from a portable device
- total access to information and commands anywhere within the network
- five levels of password access to keep the system safe
- remote NT option provides remote access to Metasys of up to one mile away from the NCU
- NT Emulator provides NT functions from a PC

To Order

Contact your local Johnson Controls Representative.

Selection Chart

Code Number	Description
IO-NTU102-0	Network Terminal
IO-BAG101-0	Carrying Case for NT
Remote NT Components	
IO-NTU113-0	Modem for NCM (Local Line Driver)
IO-NTU114-0	Modem for NT (Remote Line Driver)
IO-NTU115-0	Wall-mounted 5 VDC power Supply (Remote Access Point)
WS-SWNTEP-0	NT Emulator

Specifications

Network Terminal	
Size	8.5 in. H x 7.6 in. W x 2 in. D (21.6 x 19.3 x 5.1 cm)
Weight	2.5 pounds (1.1 kg)
Screen	16 line x 40 character, 256 x 128 dot-matrix liquid crystal display with backlighting
Power	5 VDC from NCU