

**digital**

*Networks*

## DECrepeater 90TS

The intelligent stackable repeater

**Now you can deliver high-functionality SNMP management and security to small workgroups and departments — with the low-cost “intelligent” DECrepeater 90TS. Whether used as a single-slot hub or in Digital’s award-winning DEChub chassis, this eight-port, 10BaseT repeater provides a level of functionality normally reserved for high-end, high-capacity hubs — at stackable prices.**

of built-in intelligence, the DECrepeater 90TS ports are assignable through software to separate LAN segments on the DEChub 900 MultiSwitch to achieve maximum bandwidth performance and efficient traffic control.

### Highlights

- Standards-based 10BaseT “intelligent” repeater — at stackable prices
- Ideal for low-density workgroups and departments
- Built-in SNMP management
- Per-port security to prevent broadcast intrusion and eavesdropping
- Operational and manageable as a standalone hub, “racked-and-stacked,” or snapped into a DEChub 90 or 900 MultiSwitch
- HUBwatch software that provides easy-to-use graphical tools to visualize, build, and manage networks

A member of Digital’s extensive family of Ethernet repeaters, the DECrepeater 90TS combines full SNMP management and Ethernet per-port security for building PC LANs or interconnecting to larger Ethernet LANs. And, with its unique DEChub form factor, the DECrepeater 90TS allows you to start small and grow with unmatched configuration flexibility, while protecting your investments. This standards-based unit is fully operational and manageable as a standalone, single-slot hub. Yet, the DECrepeater 90TS also works, without modification, in the DEChub 90 Ethernet workgroup hub or the high-performance DEChub 900 MultiSwitch for multitechnology enterprise solutions. And because



### Intelligent repeater with SNMP management and security

The DECrepeater 90TS is an IEEE 802.3 10BaseT-compliant repeater for connecting PCs, workstations, or any UTP device to an Ethernet LAN. The DECrepeater 90TS provides eight shielded twisted-pair ports using RJ45 8-pin modular jacks, one out-of-band management (OBM) port, and one ThinWire coaxial port. When used as a standalone, single-slot hub, the DECrepeater 90TS includes a rear cover, which provides a single power supply and a 15-pin AUI port for Ethernet connections. This gives you the option to connect to Ethernet LANs via the ThinWire port or the AUI port, depending on your particular requirements.

The DECrepeater 90TS provides affordable, built-in SNMP management features to diagnose problems quickly and easily, manage port utilization, enable or disable repeater ports, and control security. The DECrepeater 90TS also includes features such as automatic partitioning to identify and isolate faulty ports due to media shorts, breaks, or faulty connectors.

Specifications		
	Hub-based	Standalone/rack-and-stack
<i>Height</i>	27.9 cm (11.0 in)	27.9 cm (11.0 in)
<i>Width</i>	3.2 cm (1.3 in)	3.2 cm (1.3 in)
<i>Depth</i>	14.0 cm (5.5 in)	14.0 cm (5.5 in)
<i>Weight</i>	.77 kg (1.7 lb)	.77 kg (1.7 lb) without power supply
<i>Operating temperature</i>	5°C – 50°C (41°F – 122°F)	5°C – 50°C (41°F – 122°F)
<i>Relative humidity</i>	10% – 95% noncondensing	10% – 95% noncondensing
<i>Altitude</i>	Sea level to 2.4 km (8,000 ft)	Sea level to 2.4 km (8,000 ft)
<i>Power</i>	1.8 A @ +5.1 V, 0.8 A @ 12 V	1.8 A @ +5.1 V, 0.8 A @ 12 V
<i>Certification</i>	CE, CSA, FCC, TÜV, UL, VCCI	CE, CSA, FCC, TÜV, UL, VCCI

#### Ordering information

Order number	Description
DETM1-MA	DECrepeater 90TS, hub-based module
DETM1-**	DECrepeater 90TS, single-slot hub with rear cover and power supply

\*\* = AA for U.S./Canada/Japan, AD for Denmark, AE for the U.K., AI for Italy, AK for Switzerland, AT for Israel, AZ for Australia, AX for Central Europe, and BJ for India/South Africa.

### The Digital difference

A leading provider of stackable and enterprise network solutions, Digital continues to be a significant contributor to the development of many popular networking technologies, including Ethernet, FDDI, and ATM LANs; network hubs; switches; routers; and access servers. Digital has networked more than 12 million users worldwide.

### For more information

For more information about Digital's DEChub family of products and other Digital network solutions, contact your local authorized Digital reseller or consult with a Digital sales representative. To find your nearest sales office in the United States, call 800-DIGITAL (800-344-4825).

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With the SNMP management features provided, you get detailed in-band statistical monitoring and control at the port level — without the cost of additional hardware — as well as full-scale out-of-band management capabilities available through Digital's PC-based HUBwatch graphical management tool. In fact, you get the same graphical interface for managing the DECrepeater 90TS as a standalone hub or in a chassis — whether you're using in-band or out-of-band communications.

With port-level security, the DECrepeater 90TS provides protection against both broadcast intrusion and eavesdropping — at no additional cost. Enforced security is achieved by using access control lists, which authorize and map the Ethernet MAC addresses of networked devices to selected repeater ports. So data is protected from all sides — by immediately detecting unauthorized devices connected to a secure port, and preventing the transmission of data to unauthorized devices attempting to access the data stream.