

DICKSON TM725

TEMPERATURE AND HUMIDITY NETWORK LCD DISPLAY LOGGERS

Introducing our best data loggers ever! Dickson's new series of Temperature/Humidity Network Data Loggers with Jumbo Display offer all of the key features you've been looking for including: High/Low Alarm, Min/Max Display, Super high-speed USB 2.0 Connectivity, One Step Data Transfer using removable SD FLASH memory cards and 1 Second Sample Rate and Remote Probe.

Featuring Ethernet connectivity, letting you view graphs, download logged data and modify logger settings on one or multiple loggers connected to your local area network from your PC or over the internet using a VPN or pc Anywhere™.

Additional Features:

Model	Temperature Accuracy	RH Accuracy	Remote Probe	Network Connectivity
TM725	±0.8°F	±2%	Yes	Yes

Featuring our fastest data download ever! Download data in just seconds, using new USB port compared to 1.5 minutes using standard serial port. Or, leave the logger in the field and use memory cards to transfer data to your PC.

Specifications:

Humidity Range: 0 to 95% RH
Humidity Sensor: Monolithic IC Humidity Sensor
Humidity Accuracy: ±2% RH @ 77°F (25°C)
Temperature Range - External: -40 to +185°F (-40 to +85°C)
Temperature Sensor: Thermistor
Remote Probe Length: 6' cable
Temperature Accuracy: ±0.8°F (±0.5°C)
IP Rating: IP20
Download: USB, Serial, or Memory Card
Network Connection: Standard Ethernet
Ambient Operating Conditions (logger only): -4 to +158°F (-20 to +70°C); 0 to 95% RH non-condensing
Storage Conditions (logger only): -40 to +176°F (-40 to +80°C), 0 to 100% RH non-condensing
Probe: -40 to +185°F (-40 to +85°C), 0 to 100% RH non-condensing
Keypad - Type/Functions: 3 buttons with tactile feedback; Min/Max, Alarm, Download
Response Time: 1 min. to 63% FS, typical
Display: 2.0" x 1.375" V.A. 4 digit LCD, TN positive mode, Reflective
Resolution - Logger: 0.1° From 0.0 to 999.9; 1° over 1000
Power Supply - Type: AC Adapter
Battery - Type/Life: 9 V battery (backup only)
AC Adapter (Included): Input Voltage/Current: 120VAC / 60Hz / 16W; Output Voltage/Current: 9VDC / 1A;
Input Connection: Plugs directly into outlet; Output Connection: 3.5mm phone plug; Length: 6 feet
Sample Interval: Variable from 1 sec. to 24 hours in 10 sec increments
Memory Type: EEPROM, Removable Flash Storage Device
Number of Samples: 32,000 (16,000 per channel) measurements
Alarms - Types: High/Low Audible alarm
Approvals: CE
Calibration: User: zero pt.; Factory: zero and span
Enclosure - Type: Polycarbonate
Mounting: Wall mountable via keyhole slots
Dimensions - Enclosure: 4.0" (10.2 cm) x 3.0" (7.7 cm) x 1.6" (3.9 cm)
Weight: 9 oz.
Includes: Batteries, instruction manual



TM725
Model shown with optional
FLASH memory card

DICKSON

www.dicksonweb.com

930 S. Westwood Ave., Addison, IL 60101-4917

Toll Free Phone: 1-800-323-2448 • Toll Free Fax: 1-800-676-0498

All specifications are subject to change • Made in U.S.A.

rev. 01/07

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DicksonWare™ & Download Cable Specifications:

DicksonWare™ Minimum Version Required: DicksonWare™ SECURE version 8.3

Compatible With: A026: Microsoft Windows® 98, 2000, and XP

PC Requirements: PC with 486 MHz or faster microprocessor, 16 MB RAM (A026), 1 USB root hub (A016/A026), CD drive, VGA monitor or better

Cable Type/Length: A026: USB male series "A" plug to 5-pin male series "B" mini plug, 6' (2 meters)

Computer Interface: RS-232 serial (COM) port or USB

Network Connection: Standard Ethernet

Ordering Information

Description	Order No.
Midsize Display Temperature & Humidity Network Data Logger w/ Remote Probe	TM725

Accessories

Description	Order No.
DicksonWare™ SECURE Software and USB Cable (21CFR11 Compliant) - English	A026
DicksonWare™ SECURE Software and USB Cable (21CFR11 Compliant) - French	A038
DicksonWare™ SECURE Software and USB Cable (21CFR11 Compliant) - Spanish	A048
Removeable FLASH Storage Device	A210
Card Reader Kit	A220
NIST Traceable Calibration 1-pt. (new units)	N100
NIST Traceable Calibration 3-pt. (new units)	N300
A2LA Accredited Calibration 3-pt. (new units)	N400
Certificate of Validation	N520
Logger Calibration Software	SW400
Extra USB Logger Download Cable	A061
RH Calibration Kit (12% & 75%)	A834
Network Cable 7 ft.	A870
Universal International AC Adapter	R065
Network Cable 25 ft.	A871

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