PRINTREX
422
by **TRANS**ACT

The **Printrex 422** is a vehicle-mounted thermal printer designed to meet the most demanding mobile printing requirements in the most inhospitable environments.

RUGGED RELIABILITY MEETS HIGH PERFORMANCE.
THE PRINTREX 422 THRIVES IN ADVERSE ENVIRONMENTS.

- High-performance thermal with USB & Ethernet interfaces

- Load paper without time-consuming threading or alignment

- Connects directly to 12-volt or 24-volt vehicle power systems

- Available in both panel-mount and cased configurations

- Front panel indicates paper empty and error status

- Prints 2 inches per second at 200 dots per inch

TRANSACT
Technologies Incorporated

PRINTREX FEATURES

Printrex features an innovative paper-handling system that permits the user to reload paper in seconds without any threading or alignment. The operator simply inserts the paper carrier, closes the door and is ready to print.

The Printrex 422 is designed to meet the most demanding printing requirements in mobile applications. It operates directly from the vehicle's 12-volt or 24-volt power supply with the same rugged reliability that made Printrex the choice for use in railroad locomotives, jet aircraft and oil field data logging. As such, it is the right choice for installation in the often inhospitable environments of mobile applications. It is available as a panel-mount unit that can be installed in the instrument panel, or with a case that can be attached to a bracket or mounted on a shelf.

RUGGED RELIABILITY

Printrex has been producing printers for vehicle-based applications since installing several hundred units in railroad locomotives in 1992. Since 1993, Printrex has become the most popular plotter used in oil field data logging all around the world. Installations in commercial aircraft also began in 1993 and the first fire engine applications began in 1995. All of these applications have proven Printrex to be the right choice for printing in adverse environments.

OPERATE FROM VEHICLE POWER SOURCE

The printer operates directly from the vehicle power system. It can tolerate the wide voltage excursions typical of this application and is protected against reverse power connection. The Printrex 422 can accept either 12 volts or 24 volts.

INSTALLATION OPTIONS

Printers are available in either panel-mount or cased configurations. Panel-mount versions can be inserted into a cutout on the instrument panel. Cased units are designed for either desktop or shelf mounting.

INTERFACE

Two versions are available: the Parallel version standard interface is IEEE 1284 (centronics compatible); the Serial version is RS232 (DB9 compatible).

AUTOMATIC SPEED ADJUSTMENT

The printer controller monitors head voltage and head temperature. At low voltage and/or low temperature plot speed may be reduced to maintain good image quality.

PRINTER DARKNESS COMPENSATION

The printer control electronics make adjustments for voltage levels and thermal head temperature to maintain consistent print darkness.

FRONT PANEL INDICATES OPERATIONAL STATUS

The front panel of the Printrex 422 indicates paper empty and error status.

PRINTER DRIVERS

Print drivers can be downloaded from the Support page on the TransAct website: www.TRANSACT-TECH.com. See the website for the Windows versions that are supported.

PHYSICAL CHARACTERISTICS

Dimensions:
Panel-mount printer:	4.1" H x 7.5" W x 5" D (10.4 x 19.0 x 12.7 cm)
Cased unit:	4.6" H x 7.8" W x 4.6" D (18 x 19.8 x 11.7 cm)

WEIGHT WITHOUT PAPER:

Panel-mount printer:	3 lbs. (1.3 kg)
Cased unit:	6 lbs. (2.7 kg)
Single roll paper:	10 oz. (280 gr)

MEDIA SPECIFICATIONS

Media Dimensions: Paper and film have the same mechanical requirements
Internal Roll

	2.6 inches (66 mm) maximum OD
	Core ID 0.5 inches (12.7 mm)
	Width 4.3 inches (110 mm)
Print Width:	4.1 inches (104 mm)
Print Resolution:	200 dots per inch
Plot Speed:	2 inches per second

ENVIRONMENTAL

Operating Temperature:	-10ºC to + 40ºC (14ºF to 104ºF)
Storage Temperature:	-40ºC to + 60ºC (-40ºF to 104ºF)
Altitude:	Maximum 12,000 feet (3,657 meters)
Dust, spray and splash:	IP54
Vibration:	MIL STD 810F method 514.5, Fig 514.5C1
Shock:	20g peak ½ sine wave @ 11 ms, 30 impacts
Flammability:	UL94HB

WHO WE ARE

TRANSACT Technologies Incorporated (Nasdaq:TACT) is the leader in developing and manufacturing market-specific printers for transaction-based industries. These industries include food service, casino, gaming, lottery, banking, kiosk, POS, oil, gas, mobile and medical. Each individual market has distinct, critical requirements for printing and the transaction isn't complete until the receipt and/or ticket is produced. TRANSACT printers are designed from the ground up based on market specific requirements and are sold under the Ithaca®, Printrex and Epic product brands. TRANSACT distributes its products through OEMs, value-added resellers, and selected distributors. TRANSACT has over two million printers installed around the world. TRANSACT has a strong focus on the after-market side of the business, with a high commitment to printer service, supplies, and spare parts. TRANSACT is headquartered in Hamden, CT. For more information on TRANSACT, visit www.TRANSACT-Tech.com or call 203-859-6800.

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