

PRINTREX 812 by TRANSACT

The rugged follow-up to the highly successful 810 and 820 mobile printers, the Printrex 812 offers the added capability of operating directly from either 12 or 24 volts DC without any configuration changes.



THE RIGHT SOLUTION FOR VEHICLE-BASED PRINTING.

- Connects directly to 12-volt or 24-volt vehicle power systems
- Operates from either power system without any changes in hardware configurations
- Can be mounted on either horizontal or vertical surfaces
- Quick Release (QR) adaptor permits the printer to be removed and exchanged in seconds
- USB 2.0 & IEEE 1284 (Centronics compatible)
- Print speed is 1ips with input voltage at 12 volts or higher

RUGGED RELIABILITY

The Printrex 812 is the follow-up product to the very successful 810 and 820 mobile printers. It builds on their proven record of rugged reliability established over the past 15 years and now offers the added capability of operating directly from either 12 volts DC or 24 volts DC without any configuration changes. With both USB and IEEE 1284 (Centronics) interface, it is the right solution for vehicle based printing.

Printrex has been producing printers for vehicle based applications since installing several hundred units in railroad locomotives in 1992. Installations in commercial jet aircraft started in 1993 and the first installations in fire fighting vehicles began in 1995. Printrex also serves the market for oil field data logging and since 1993 has become the most popular plotter world wide for this demanding application. All of these applications have proven Printrex to be the right choice for printing in adverse environments.

CONNECTS DIRECTLY TO 12-VOLT OR 24-VOLT VEHICLE POWER SYSTEMS

The Printrex 812 connects directly to the vehicle's power system without requiring any external power conditioning or protection. It tolerates the wide voltage excursions and electrical noise typically found in vehicles and is protected against reverse power connections. The 812 operates from either 12 volt DC or 24 volt DC systems without any changes in hardware configurations.

The printer is placed in the "Suspend" mode during inactive periods to reduce the power demand on the vehicle battery. It automatically returns to active mode when printing is initiated.

INSTALLATION OPTIONS

The Printrex 812 can be mounted on either horizontal or vertical surfaces. It is provided with typical rubber feet or shock mounts for horizontal mounting and can be attached to a wall or bulkhead with the Quick Release (QR) adaptor. The Quick Release adaptor permits the printer to be removed and exchanged in seconds.

DATA INTERFACES

USB 2.0 & IEEE 1284 (Centronics compatible)
Print Density
203 dots per inch (8 dots/mm) horizontally and vertically

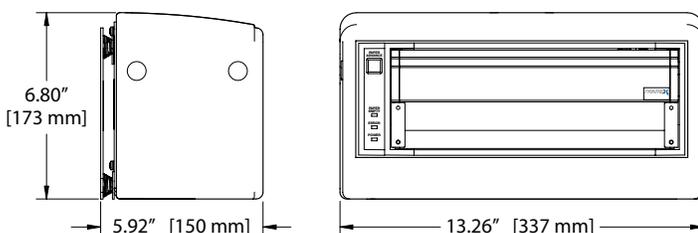
PRINT SPEED

Print speed is 1 inch/second with input voltage at 12 volts or higher. If input voltage drops below 12 volts the print speed will be reduced to maintain print quality. Printing will be inhibited if voltage is below 9 volts. Print speed will also be reduced at low temperature to maintain good image quality.

PRINTER DRIVERS

The print driver for Windows 2000/XP and Vista are provided and future Windows releases will be supported.

812 WITH QUICK RELEASE PLATE



INPUT POWER

9 VDC minimum to 32 VDC Maximum
Approximately 100 watts when printing 30% coverage
Approximately 4 watts when not printing
Approximately 100 milliwatts in suspend mode

REGULATORY AND EMC

e-mark per Automotive Directive 2006/28/EC
AES 5, Issue 10, Class 1 (PITO)
Cispr 22 Radiated and Susceptibility, Class B
FCC Part 15, Class A
Follows SAE J1455 Aug94
RoHS and Wee Compliant

ENVIRONMENTAL

Operating Temperature -10°C to +50°C (14°F to 122°F)
Storage Temperature -40°C to +60°C (-40°F to 140°F)
Altitude to 12,000 feet (3655 meters)
Dust, spray and splash rated IP54
Vibration per MIL STD 810 F, Method 514.5, Fig 514.5C1
Shock 20 G peak, sine wave @ 11ms, 30 impacts

MEDIA

Standard Roll Paper 8.75 inches (222 mm) wide
Optional roll width 8.5 inches (216 mm)
Maximum roll diameter 2.6 inches (66 mm)
Core ID 1/2 inch (12 mm)

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 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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