



PPT-HPBR-RS2 High Performance Barcode Reader



Barcode Reader



Reader Enclosure

The **PPT-HPBR-RS2** High Performance Barcode Reader offers exceptional performance and is designed for use in outdoor and other challenging applications. To ensure optimal operation under the harshest of conditions, we integrate one of our most rugged Barcode readers into an extruded aluminum enclosure. Please contact us at the numbers below for more information.

Product Features

- Highly visible 4-Dot aimer with center-cross for targeted scanning
- Omnidirectional reading
- Advanced motion tolerance optics
- Reads bar codes down to 4mils
- Reads 1D, 2D and stacked and composite codes
- Integrated RS232 interface
- Integrated good-read beeper
- Sealing Rating: IP54

Passport Technologies is an integrated manufacturer and supplier of electronic automatic identification products and services based in Richmond Quebec. With over 15 years experience in the automatic identification industry, we offer state-of-the-art solutions designed to help health and fitness businesses improve their operations and security while reducing fraud.

Whether you are looking to install a fully integrated cloud-based access management system or a single turnstile, Passport Technologies has the products and the expertise to improve the access management of your operations as well as the front reception experience of your members.

Passport Technologies Inc
320 College Street North
Richmond, Quebec J0B 2H0 Canada



Product Specifications

ELECTRICAL

CURRENT Operating (Typical): < 180 mA
Standby/Idle (Typical):
Automatic Object Sense Mode: 115 mA
Online & Serial OnLine Modes: 65 mA
INPUT VOLTAGE: 5 VDC +/- 5%

ENVIRONMENTAL

AMBIENT LIGHT 0 - 100,000 lux
DROP RESISTANCE Withstands repeated drops from
0.76 m / 2.50 ft onto a concrete surface
HUMIDITY (NON-CONDENSING) 5-95%
PARTICULATE AND WATER SEALING IP54
TEMPERATURE Operating: -20 to 50 °C / -4 to 122 °F

READING PERFORMANCE

LIGHT SOURCE Aiming: 650 nm VLD
PRINT CONTRAST RATIO (MINIMUM) 25%
READING ANGLE Pitch: +/- 40°; Roll (Tilt): 180°;
Skew (Yaw): +/- 40°
READING INDICATORS Beeper (Adjustable Tone)
RESOLUTION (MAX) 1D Linear: 0.102mm/4mils

INTERFACE RS-232

READING RANGES

TYPICAL DEPTH OF FIELD Minimum distance
determined by symbol length and scan angle.
Printing resolution, contrast, and ambient light
dependent.
Code 39: 5 mil: 4.7 to 17.7 cm / 1.8 to 7.0 in
Code 39: 10 mil: 1.7 to 33.2 cm / 0.7 to 13.1 in
Data Matrix: 10 mil: 2.7 to 17.1 cm / 1.0 to 6.7 in
Data Matrix: 15 mil: 1.2 to 24.6 cm / 0.5 to 9.7 in
EAN: 13 mil: 2.5 to 41.9 cm / 1.0 to 16.5 in
PDF417: 10 mil: 2.2 to 23.9 cm / 0.9 to 9.4 in
QR Code: 10 mil: 3.5 to 16.0 cm / 1.4 to 6.3 in

SAFETY & REGULATORY

AGENCY APPROVALS The product meets necessary
safety and regulatory approvals for its intended
use.
LASER CLASSIFICATION Caution Laser Radiation -
Do not stare into beam; IEC 60825, Class2

Enclosure Mounting Specifications

