

Proximity Reader – Access Management.

As this front-line component for personnel and vehicular Access Control systems, Nortech Proximity readers offer an aesthetically pleasing, durable and reliable solution for both simple stand-alone, or highly complex on-line Access Control Systems. Available in most Industry Standard communication protocols, as well as a number of highly specialized protocols, Nortech Proximity Readers may be integrated into almost any Access Control system. Each intelligent micro-controller based unit has an integral power supply and reader electronics, are encapsulated to provide increased protection against hostile environments, and ensure that readers are tamper-resistant.

Applications

- Personal Door / Gate Access.
- Parking Garage / Gate Access
- Personnel Tracking.
- Time and Attendance.



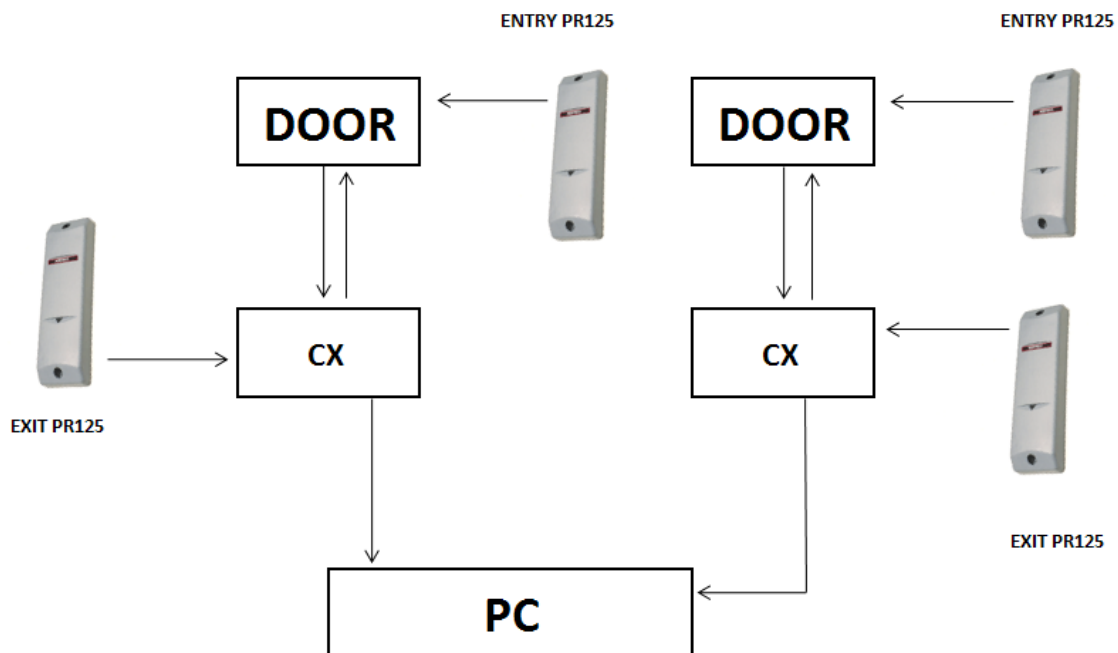
Specific Features

- **Reliability:** The PR125 has been tested at speeds up to 200kph without any performance irregularities and tested reliability at both low and high speeds.
- **All vehicles:** TRACK 2000 is suitable for all vehicle types, including heavy articulated vehicles with higher than normal road clearance, and the receiver reads the transmitter at a maximum height of 800mm above the loop.
- **Rugged:** TRACK 2000 transmitters are housed in small, rugged water-resistant units, designed for easy attachment to vehicles and for application in the harshest environments.
- **Unique code:** Each TRACK 2000 transmitter emits a unique code which identifies and prioritises specific vehicles.
- **Inductive loop:** The TRACK 2000 operates with a wide range of conventional detector loops and does not require the laying of specialised loops.
- **Interfacing:** Designed to interface to any standard access controller, the TRACK 2000 also provides a RS232 port for direct integration into system solutions.

PR125 Proximity Reader

Technical Data – PR125

Input Protection	Tranzorb protection on power lines
Spike Filter	On all inputs. Protects against induced voltages on long input lines
Communications	Wiegand – 34 Bit or 26 Bit Clock & Data – 10 or 8 Digit BCD RS232 – Nortech Point-to-point Protocol RS485 – Nortech Multidrop Protocol
Read Range	PQ Card > 100mm and Keyline Tag > 50mm
Power requirements	4.7 to 16V DC: 100mA Maximum
Operating Frequency	125Khz (crystal controlled)
Temperature	Storage temperature : -40°C to +85°C Operating temperature: -40°C to +85°C
Humidity	Up to 95% relative humidity without condensation
Housing Material	UV Resistant ABS blend
Connections	8 core screened cable with solder tails
Mounting position	Any (generally vertically at a comfortable user height)
Size of Housing	80mm (H) x 80mm (W) x 25mm (T) Quadline 134mm (H) x 43mm (W) x 20mm (T) Paraline



Ordering Information

Part Number	Description
707FT0024	PARALINE 26 BIT WIEGAND
707FT0082	QUADLINE SIMPLIFIED RS485 PROT
707FT0086	QUADLINE 34 BIT WIEGAND UNCYPT
707FT0050	PR125 PQ CARD
707FT0060	PR125 PQ CARD SPECIALLY PROGRAMMED UNITS

Please enquire for customer specific and other language variants