# ioProx™ Proximity Cards

www.TURNSTILES.us
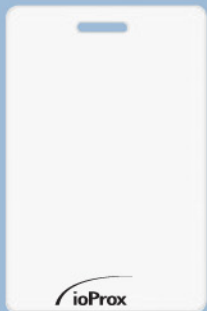
- Dual encoded cards
  - eXtended Secure Format (XSF)
  - 26-bit Wiegand format (W26)
- Read range up to 73 cm (29 in) using P600 Long Range reader
- Long-life passive card for unlimited number of reads
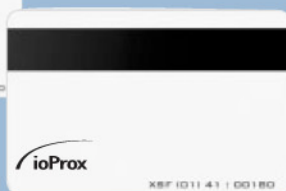- 5 models to meet the requirements of any application

*Enlarged to show detail*     *Enlarged to show detail*

**P10SHL**
- Standard card
- Use with strap and clip
- Strong, flexible and resistant to cracking and breaking

**P20DYE**
- Dye-sub card, print directly to the front or back of the card with a direct image or thermal transfer printer
- As thin as a credit card
- Marks for vertical and horizontal slot punch

**P30DMG**
- Dye-sub card, print directly to the front of the card with a direct image or thermal transfer printer
- Back surface with a magnetic stripe (not encoded)
- As thin as a credit card
- Marks for vertical and horizontal slot punch

**P40KEY**
- Keytag size
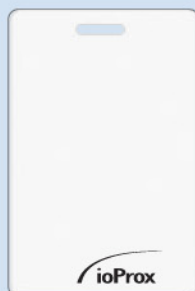- Small enough to fit on a key chain
- Resistant to cracking and breaking

**P50TAG**
- Disk shape, less than 2.5 cm (1 in) diameter
- Tag adheres to any non-metallic device
- Ideal for upgrading from Wiegand or magnetic stripe technologies
- Apply this disk to any badge to turn it into an ioProx proximity card

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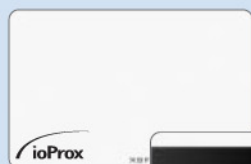
# ioProx™ Proximity Cards

**ioProx Proximity cards ensure increased security with dual XSF and W26 encoded formats, while providing customers with the flexibility to choose from multiple card designs.**

**P10SHL**
*ioProx Standard Shell Card*

| Technical Specifications | |
| --- | --- |
| **Part Number** | P10SHL |
| **Typical read range** | |
| P225/P225KP | up to 16.61 cm (6.54 in) |
| P325/P325KP | up to 20.83 cm (8.20 in) |
| P600 | up to 73 cm (29 in) |
| **Card dimensions cm** | 8.57 x 5.4 x 0.18 |
| **Card dimensions in** | 3.375 x 2.125 x 0.070 |
| **Card construction** | ABS and PVC |
| **Color** | White |
| **Operating temperature** | -45°C to 70°C (-50°F to 160°F) |
| **Weight** | 6.80 g (0.24 oz) |

**P20DYE**
*ioProx Dye-sub Card*

**P30DMG**
*ioProx Dye-sub Card with Blank Magnetic Stripe*

| | |
| --- | --- |
| **Part Number** | P20DYE |
| **Part Number** | P30DMG |
| **Typical read range** | |
| P225/P225KP | up to 8.50 cm (3.35 in) |
| P325/P325KP | up to 8.50 cm (3.35 in) |
| P600 | up to 48 cm (18.9 in) |
| **Card dimensions cm** | 8.57 x 5.4 x 0.079 |
| **Card dimensions in** | 3.375 x 2.125 x 0.031 |
| **Card construction (P20DYE)** | Thin, flexible polyvinyl chloride laminate |
| **Card construction (P30DMG)** | Multiple technology card, thin, flexible laminate with ABA standard three track Magnetic stripe not encoded |
| **Color** | Glossy white on both sides |
| **Operating temperature** | -45°C to 70°C (-50°F to 160°F) |
| **Weight** | 6.80 g (0.24 oz) |

**P40KEY**
*ioProx Keytag*

| | |
| --- | --- |
| **Part Number** | P40KEY |
| **Typical read range** | |
| P225/P225KP | up to 9.33 cm (3.67 in) |
| P325/325KP | up to 10.37 cm (4.08 in) |
| P600 | up to 40 cm (15.7 in) |
| **Keytag dimensions cm** | 5.0 x 2.0 x 0.5 |
| **Keytag dimensions in** | 1.96 x 0.79 x 0.19 |
| **Keytag construction** | Ultrasonically welded, ABS shell and epoxy potted |
| **Color** | Grey |
| **Operating temperature** | -45°C to 70°C (-50°F to 160°F) |
| **Weight** | 5 g (0.18 oz) |

**P50TAG**
*ioProx self-adhesive Tag*

| | |
| --- | --- |
| **Part Number** | P50TAG |
| **Typical read range** | |
| P225/P225KP | up to 8.41 cm (3.31 in) |
| P325/P325KP | up to 10.37 cm (4.08 in) |
| P600 | up to 27 cm (10.63 in) |
| **Tag dimensions cm** | 2.5 cm diameter |
| **Tag dimensions in** | 0.98 in diameter |
| **Tag construction** | PVC, self-adhesive back |
| **Color** | White |
| **Operating temperature** | -45°C to 70°C (-50°F to 160°F) |
| **Weight** | 1 g (0.04 oz) |