HYPER X™

2.45GHz

Easy, Fast and Reliable ID.

WHERE TO IDENTIFY?
Directional identification in a single traffic lane.

HOW TO IDENTIFY?
High speed identification of moving vehicles.

WHAT TO IDENTIFY?
The tag almost anywhere in the vehicle or in the pocket of the driver.

Vehicle access control,
Parking management,
Fleet management…

Well-defined id. areas,
Interference immunity,
Small size antennas,
Warranted life time,

 identification Systems
**OPERATING PRINCIPLE**

The reading antenna emits a carrier wave at 2.45GHz without modulation. This incident wave is reflected by the tag only - i.e. passive mode:

- The tag life time is constant regardless of the number of read sequences
- The tags are identified at the same distance with regard to a same reference reader

**MAIN FEATURES**

- **SEMI PASSIVE TAG**
  - Long life
  - Credit card size
  - Tag programmed to customer requirements

- **HIGH SPEED**
  - Identification over 100km/h (60mph)
  - Flash Identification

- **MULTI-ENVIRONMENTS**
  - Identification behind a windshield or in the driver’s wallet
  - Easy to use

- **MULTI-POSITIONS**
  - Identification in any position
  - Easy installation

- **IMMUNITY**
  - Identification relatively insensitive to environment
  - Total data integrity

- **DIRECTIONAL IDENTIFICATION**
  - Well-defined identification areas with directional and small antennas
  - Precision

- **LONG RANGE**
  - Identification from a few centimeters to over 10 meters (30 feet)
  - Flexibility

- **MULTIPLE READERS**
  - Many readers can be installed in same area without interference

- **INSTALLATION**
  - Discreet antennas
  - Easy integration

- **INTERFACES**
  - ISO - CLOCK & DATA
  - WIEGAND 26 BITS - DATA 0 & DATA 1
  - RS232/422/485 - JBUS™ MODBUS™

**READER LINE**

<table>
<thead>
<tr>
<th>ANTENNA PATTERNS</th>
<th>0.5 - 1 m (2-3 feet)</th>
<th>2 m (6 feet)</th>
<th>3 - 4 m (9-12 feet)</th>
<th>5 - 7 m (15 - 20 feet)</th>
<th>8 - 10 m (25-30 feet)</th>
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<tbody>
<tr>
<td>22° x 45°</td>
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<td>LMB_6012</td>
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