

License Plate Enabled Parking

PBL

Pay-by-License Plate

A proven parking payment method, similar to Pay-by-Space, that requires parkers to input their vehicle license plate number instead of a parking space number when purchasing a permit. Enforcement operations also use vehicle license plate numbers to verify which vehicles have a valid permit. In addition to having many of the advantages of Pay-by-Space, PBL has a number of added benefits.

Higher potential revenue

When used in on-street parking, PBL does not require designated spaces, and, therefore, the number of vehicles able to park per block is not fixed. For example, a city block that would normally accommodate eight vehicles using single head meters or Pay-by-Space can now accommodate either eight full size vehicles, 16 smart cars, or 32 motorcycles using PBL. The same benefits can also be realized off-street in unmarked lots such as overflow or event parking. Also, with the vehicle license plate number printed on each permit, occurrences of pass-back and fraudulent bulk purchases are eliminated.

More efficient enforcement

PBL works seamlessly with License Plate Recognition (LPR) enforcement systems. These systems use handheld or vehicle-mounted cameras to scan license plate numbers and verify that the vehicles have a valid permit. If a vehicle does not have a valid permit, the system generates a citation. PBL used with LPR systems reduces human error in the enforcement process and allows enforcement personnel to patrol larger areas in less time. PBL also provides an additional identifier for use during the citation adjudication process.

Pay-by-Phone integration

PBL and Pay-by-Phone work extremely well together as they are both license plate-based systems. Clients can create a complete License Plate Enabled Parking (LEP) solution with the addition of an integrated LPR enforcement system.

No space marking costs

Since PBL does not rely on space numbers, the costs associated with installing or painting space numbers are eliminated. In addition, costs associated with space number maintenance such as cleaning, repairs, and snow removal to ensure each space number is always visible are eliminated.

Easier for people to use

PBL makes paying for parking easier as parkers can pay for their parking using any pay station or their mobile phone. Also, parkers can add time to their parking just as easily using their mobile phone or the nearest pay station.

Benefits of DPT's solution

Increased flexibility

PBL functionality adds a third operating mode to the LUKE on-street and SHELBY off-street pay stations. LUKE and SHELBY can now operate in Pay-and-Display (PND), Pay-by-Space (PBS), or Pay-by-License Plate (PBL) mode, providing you with maximum flexibility in your parking operation.

Interface continuity

PBL uses the same easy-to-use pay station interface that parkers are familiar with on the LUKE and SHELBY. The only change is a new alphanumeric keypad that allows parkers to enter their license plate number; it's easier than typing a text message on a mobile phone.

An easy upgrade

All new LUKE and SHELBY pay stations ship with PBL functionality standard. Existing LUKE and SHELBY pay stations, with V2 or V3 controllers, can be easily upgraded in the field to support PBL functionality through a simple and inexpensive keypad change and software update.

To learn more about PBL and how it can work for your operation, please contact your local DPT reseller or your DPT Regional Account Manager.



888.687.6822 | digitalpaytech.com

OCT

YourState

2011
8886876822

DPT 687