

Pro MAG GP90

RFID Mid Range Wiegand Reader

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Introduction:

Pro MAG GP90 is an extended range 125kHz RFID proximity reader featuring compact dimension. It can read range from 80 cm to 120 cm depends on the interference on site. GP90 can effectively penetrate solar film and allows CDS18L proximity card to be read from inside the car without winding down windows.

Ideal solution for car parking access control; residential and commercial building – no more hand getting wet during rainy day and less car robbery risk at entrance.

Features:

- Can penetrate solar film (V-Kool)
- Auto tuning function to compensate presence of metal and interference
- Extended reading range from 80 cm to 100 cm.
- Bright LED indicators, tuning LED bar
- Firmware upgradable in the field
- Attractive and weatherproof housing design
- High-quality power supply with noise filter included.

Specification:

Interfaces	Wiegand 26 or 34 bits (depends on the firmware) RS232 RS485
Reading Range	80 cm to 120 cm
RFID Cards Accepted	125KHz, 64 bits, Manchester encoding
Maximum power switched by internal relay	Up to 24V/ 2A
Operating Temperature range	- 10 ~ +60° C
Audio /Visual indication	Bright blue LED and buzzer
Dimensions	420 (w) x 320 (L) x 45(D) mm

Front View:



Back View:



Side View:



Proper Installation Guides:

- 1) **Recommended install rain shade**
GP90 reader is not fully waterproof, recommended to install a rain shade.

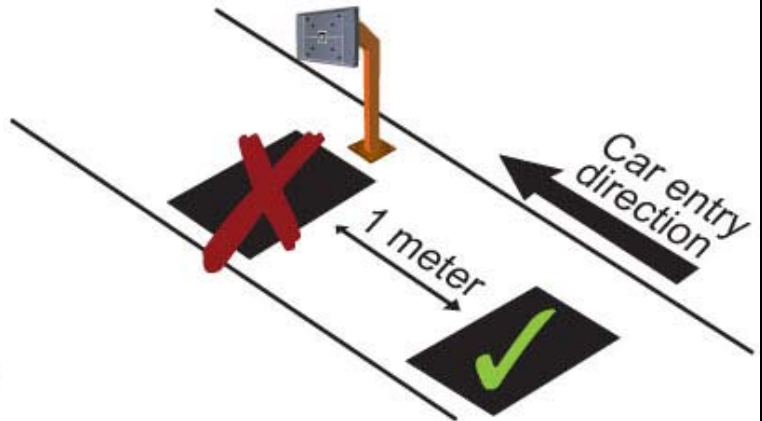


Electronic area that is susceptible to water

Recommended shade to protect against direct heavy rain drop.



- 2) **Loop detector positioning**
Do not install loop detector coil in front of the reader, the frequency emitted by loop coil might interfere with reader's frequency thus reducing reading range.



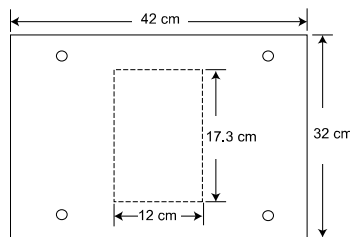
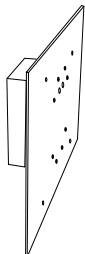
Other Accessories:

CDS18L Long Range Card
Long Range card, reading range from 80 cm to 120 cm

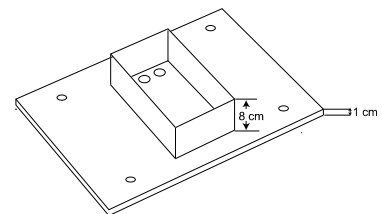


BKT GP90 Mounting Bracket for GP90

GP90 Acrylic Mounting Bracket – to mount GP90 at the Gooseneck



Front View Dimension

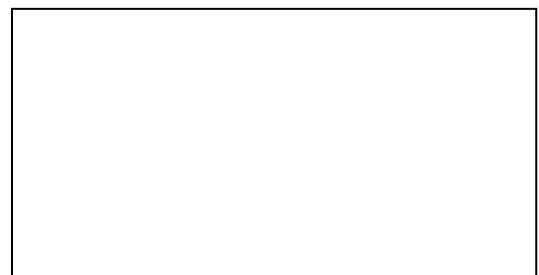


Back View Dimension

Ordering Information:

Model Name	Description
GP 90	RFID Long Range Wiegand Reader
CDS18L	Long Range Card, 1.8mm, 125Khz
Other Accessories :	
BKT GP90	Gooseneck mounting bracket for GP90
GS-SD	Standard Gooseneck to mount access control system.

Authorized Dealer:



****Due to epoxy glue weatherproof protection we are unable to repair the unit locally. All defective units need to be sent back to factory for repair and therefore limited warranty applies for GP90. Please consult your sales representative for more info.****

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