

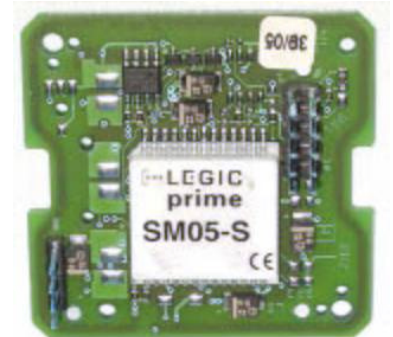
## Product Datasheet

### OEM Reader/Writer - Legic Prime

The BrightCard OEM reader “Primo110” is a Legic SM05-S based reader for Reading/Writing Legic prime transponders (MIM256 and MIM1024).

“Primo110” is a complete reader with integrated antenna. Nevertheless, the dimensions of this OEM reader are very small (46x46x15mm). The reading distance is up to 5cm with ISO cards. The “Primo110” is available with CMOS-TTL, Clock+Data and Weigand interface.

This device is designed for a wide range of different applications like access control, parking, automation or payment systems.



#### Product specification:

<b>Dimensions :</b>	46 x 46 x 15mm
<b>Integrated antenna :</b>	Yes
<b>Frequency :</b>	13,56MHz
<b>Supported transponders :</b>	Legic prime (MIM256 and MIM1024)
<b>Interface options :</b>	CMOS-TTL, Clock+Data (Read Only), Weigand (Read Only)
<b>Power Supply :</b>	5Vdc +/- 5% / max. 150mA
<b>I/O ports :</b>	1 input 3 output
<b>Temperature of use :</b>	-25 °C...+60 °C
<b>Reading range :</b>	with Legic prime ISO-Card up to 5cm
<b>Order number :</b>	R-OEM-LP-PRIMO110-TTL R-OEM-LP-PRIMO110-CD R-OEM-LP-PRIMO110-WI

#### Interface description:

ST1 connector (10 pins) for power supply and interface			
PIN	CMOS-TTL (asynchron)	Clock+Data (TTL level)	Weigand (TTL level)
1	RxD	Data	Data 0
2	TxD		
3		Clock	Data 1
4	For internal use		
5			
6			
7			
8		CLS	
9	5V DC		
10	GND		

ST2 connector (4 pins) for I/O ports		
PIN	Function	Example
1	Output (20mA)	LED 1
2	Output (20mA)	LED 2
3	Output (20mA)	LED 3
4	Input	Damage contact

Technology by:

**iD TRONIC**  
Electronic Identification