

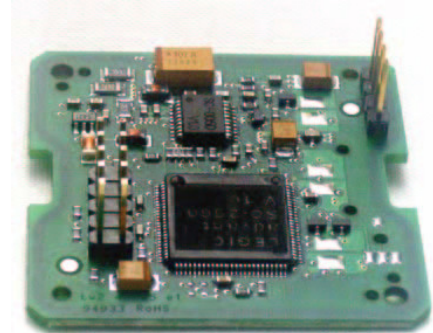
Product Datasheet

OEM Reader/Writer - Legic Advant

The BrightCard OEM reader “Primo120” is a Legic SC2560 based Reader/Writer for ISO15693, ISO14443A, Legic Prime and Legic Advant (ISO15693 and ISO14443A) tags.

“Primo120” is a complete reader with an integrated antenna. Nevertheless, the dimension of this OEM reader is very small (46x46x15mm). The reading distance is up to 6cm with ISO 15693 cards. The “Primo120” reader 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:

Dimensions :	46 x 46 x 15mm
Integrated antenna :	Yes
Frequency :	13,56MHz
Supported transponders :	Legic prime (MIM256 and MIM1024) Legic advant ISO14443A (ATC512-MP, ATC2048-MP) Legic advant ISO15693 (ATC128-MV, ATC256-MV, ATC1024-MV) ISO15693 + ISO14443A tags (UID number only)
Interface options :	CMOS-TTL, Clock+Data (Read Only), Weigand (Read Only)
Power Supply :	5Vdc +/- 5% / max. 150mA
I/O ports :	1 input 3 output
Temperature of use :	-25°C...+60°C
Reading distance :	with Legic advant ISO15693 card up to 6cm with Legic advant ISO14443A card up to 3cm with Legic prime card up to 5cm
Order number :	R-OEM-LA-PRIMO120-TTL R-OEM-LA-PRIMO120-CD R-OEM-LA-PRIMO120-WI

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Interface description:

T1 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:

