

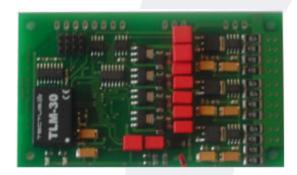


TLB-30-AA
RFID OEM Reader Board
Multifrequency
125 kHz 134 kHz
FDX-B HDX
ISO/IEC 11784/785
ISO/IEC 18000-2

Description:	Industrial LF Mid Range Reader to be used with external antenna		
Transponder Types:	134 kHz FDX-B and HDX according to ISO/IEC 11784/785 125 kHz 64 bits Read Only Unique EM4102, EM4100, OTP Read Write TAGs operating in Unique Mode Manchester encoded		
Read Range:	Up to 300 mm with HDX and up to 250 mm with TECTUS FDX-B DISC TAGANY Ø 24 mm transponder TCV-37-AA	(At room temperature 20° C)	
Dimensions:	100 mm x 60 mm x 12 mm		
User selectable Interfaces:	RS232 or TTL	(via jumper setting)	
Power Supply:	912 VDC	(Best reading result by using a high quality linear power supply)	
Operating Frequency:	134 kHz and 125 kHz (Software switchable)	(At room temperature 20° C)	
Operating Temperature:	-20 °C +60 °C		
Technical Certificates:	CE		
Other:	Produced under ISO9000: 2000 QS.		
Features:	- TECTUS TLM-30 Reader Module Core - Frequency switchable by software commands - Antenna tuning by software commands - Wide temperature range		
Applications:	- Animal identification, Industrial waste management (BDE), Mid Range applications		
Part number:	TLB- 30-AA		

<sup>&</sup>lt;sup>©</sup> TECTUS reserves the right to change any information or data in this document without prior notice. The distribution and the update of this document is not controlled. TECTUS declines all responsibility for the use of products with any other specifications but the ones mentioned above. Any additional requirement for a specific customer application has to be validated by the customer himself at his own responsibility. Where application information is given, it is only advisory and does not form part of the specification.





TLB-30-AA
RFID OEM Reader Board
Multifrequency
125 kHz 134 kHz
FDX-B HDX
ISO/IEC 11784/785
ISO/IEC 18000-2

## Reading Test\* Results TLB-30-AA OEM Reader Board

Software Version	1.11	1.11	1.11
Antenna dimension (mm)	75 x 22	round $\varnothing$ 90	200 x 200
	Reading	Distance	(mm)
HDX GLASS TAG 34 mm	110	180	250
HDX 25 mm DISC TAG	145	200	280
DISC TAGANY 24 mm FDX-B	110	190	230
SPACE TAG Unique 50 mm	150	320	400
SPACE TAG Unique 30 mm	120	240	290

<sup>\* =</sup> at room temperature in free air

<sup>©</sup> TECTUS reserves the right to change any information or data in this document without prior notice. The distribution and the update of this document is not controlled. TECTUS declines all responsibility for the use of products with any other specifications but the ones mentioned above. Any additional requirement for a specific customer application has to be validated by the customer himself at his own responsibility. Where application information is given, it is only advisory and does not form part of the specification.