

Company Registration No: 4277517

Directors: Aaron Donnelly & Donna Donnelly

VAT Registration No: 776 6712 85

Eliot Park Innovation Centre 4 Barling Way, Nuneaton Warwickshire CV10 7RH Tel: +44 2476 975 205 E-mail: info@complexus.uk Web: https://complexus.uk

## Product Specifications: RFID Reader

Technical data		
	Interface	White wire $-1$ -wire data, Brown wire $-$ power supply, Green $-$ ground
	Power supply range	6.5 - 30 V DC
	Frequency	125 kHz
	Type of transponder	Manchester, 64 cycles per bit
	Antenna surface area	6.8 cm <sup>2</sup>
	Reading range	4 cm
	Reading frequency	6 times per second for identification
		2 times per second when transponder is in range of the reader
	Support 1-Wire	Ox33 (OxOF) – Read ROM
	commands	OxFO – Search ROM
	Mounting method	Tape, glue, etc
	Cable length	40 cm
	Operating temperature	From -20 ºC to +55 ºC

Certification & Approvals		
	Regulatory	RoHS certified