



SCIVAS LIMITED

YOUR VISION, OUR FREQUENCY

RFID Tags & Smart Cards, Precision-Engineered for Global Markets.

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Product Model: CD16-1



Functional Specifications:

RFID Protocol:	EPC Class1 Gen2, ISO18000-6C
Frequency:	US(902-928MHZ), EU(866-868MHZ)
IC type:	Alien Higgs-3
Memory:	EPC 96bits , USER 512bits, TID64bits
Write Cycles:	100,000 times
Functionality:	Read/write
Data Retention:	50 Years
Applicable Surface:	Metal Surfaces
Read Range : (Fix Reader)	2.5m, On metal
Read Range : (Handheld Reader)	1.8m, On metal
Warranty:	1 Year

Physical Specification:

Size:	D16mm
Thickness:	2.0mm
Material:	Ceramic
Colour:	Black
Mounting Methods:	Adhesive
Weight:	2.2g

Environmental Specification:

IP Rating:	IP68
Storage Temperature:	-40°C to +150°C
Operation Temperature:	-40°C to +85°C
Certifications:	Reach Approved, RoHS Approved, CE Approved

Dimensions:

