




PRODUCT COMPARISON OF RFID UHF READERS FOR		TURCK & SLS data from	
<u>TURCK (U GROK IT) , SLS and DDS</u>		https://www.atlasrfidstore.com/compare/1801/2455? sort=product_name dated 04/07/2019	
<u>Product</u>	<u>TURCK (U Grok It) UHF RFID Reader for Smartphones</u>	<u>SLS RFID smartDONGLE iOS Audio Port UHF RFID Reader</u>	DDS Wearable RFID UHF Reader for Smartphones
			
Price	\$500	\$299	\$285 (INR 20,000) Ex Works
Video	https://youtu.be/lqze5ITozMo	https://youtu.be/WvVimTrtqng	https://youtu.be/yjH_7JgNI4Y
Summary	*Formerly sold under the brand U Grok It. This is the same great reader - just with a new name.* TURCK (U Grok It) UHF RFID Reader for Smartphones The TURCK (U Grok It) UHF RFID Reader for Smartphon...	SLS RFID smartDONGLE iOS Audio Port UHF RFID Reader The SLS smartDONGLE Audio Port UHF RFID Reader is designed to read and write to C1G2 UHF transponders and communicate with a variety of host device...	DDS India Pvt Ltd RFID UHF Hands Free Wearable Reader for smartphone (Android V 5.0 +)
	ELECTRICAL:	ELECTRICAL:	ELECTRICAL:

Specifications

Air Interface Protocol:	Air Interface Protocol:	Air Interface Protocol:
ISO 18000-63	EPCglobal UHF Class 1 Gen 2 (ISO 18000-6C)	EPCglobal UHF Class 1 Gen 2 (ISO 18000-6C)
Operating Frequency:	Operating Frequency:	Operating Frequency:
FCC (902-928 MHz)	UHF (865-928 MHz), region dependent	UHF (865-928 MHz), region dependent
Antenna type:	Antenna Type:	Antenna Type:
Integrated polarized	Enhanced linear (mock circular)	Circular ceramic Antenna
Max Read Distance:	Read Distance:	Read Distance:
Up to 25 cm (10 in) - depending on RFID tag (testing recommended)	2-3 m (6-10 ft) general use, up to 7 m (25 ft) under ideal conditions	4 m (12 ft) on metal Tags
Scanner:	Scanner:	Scanner:
RFID only	Not published	RFID only
Operating system:	Operating System:	Operating System:
iOS	iOS, Android, Windows 8	Android
Data Interface:	Data Interface:	Data Interface:
3.5 mm Audio Port	Proprietary, via audio port	USB
Memory/Expansion memory:	Memory/Expansion Memory:	Memory/Expansion Memory:
Tags are streamed to the smart device	App(s) and data reside on Smart Device, additional data storage in the cloud	Data stored in Smartphone and transferred to cloud
Power Source:	Power Source:	Power Source:
3.7 V rechargeable battery	Rechargeable Li-Ion 1800 mAh battery	No Battery, Powered from Smartphone
Camera:	Camera:	Camera:
N/A	Connects to Smart device camera	N/A

MECHANICAL:	MECHANICAL:	MECHANICAL:
Dimensions:	Dimensions:	Dimensions:
48 x 42 x 15 mm (1.89 x 1.65 x 0.59 in)	159 x 95 x 39 mm (6.395 x 3.74 x 1.54 in)	90 x 65 x 35 mm (3.3 x 2.5 x 1.3 in approx)
Weight:	Weight:	Weight:
700 g	0.17 kg (0.375 lbs)	90 g
ENVIRONMENT:	ENVIRONMENT:	ENVIRONMENT:
IP Rating:	IP Rating:	IP Rating:
IP 54	IP 20	-
Operating Temperature:	Operating Temperature:	Operating Temperature:
-20° to +60°C (-4° to 140°F)	-10° to 55° C (14° to 131° F)	
APPLICATION INTERFACE:	APPLICATION INTERFACE:	APPLICATION INTERFACE:
Host API:	Host API:	Host API:
smartRFID	iOS, Android, Windows 8, Xamarin, Cordova	Android
Demo Software:	Demo Software:	Demo Software:
SLS smartREADER app	Turck RFID app (iOS, Android)	