

# MAGNUM

## RFID Reader Industry Stationary

**PART ID:**  
**4068**

UHF / IoT Long Range Reader

### Main Specifications

Frequencies	<b>LF HF UHF</b>
Material	ABS+PC
Operating Temperature	-20°C to 55°C
IP Class	IP20
Compliance	RoHs & REACH, FCC, CE
Key Features	Industrial automation, Output Power 0-33dBm (1dBm adjust), Reading Distance up to 10m, Cloud Managed, Multiple Interfaces



### Full Specifications

Product ID	4068
Name	MAGNUM
Material	ABS+PC
Shape	Long Range
Short Description	UHF / IoT Long Range Reader
Long Description	With its impressive reading performance, the powerful UHF long range reader will cover the most challenging requirements for wireless identification and traceability. The TECTUS UHF long range reader transmits up to 33dBm and is capable to read up to 700 tags/sec. The reader is the perfect tool for applications such as product management, vehicle management or race timing, requiring multiple antennas. The TECTUS UHF reader can be integrated directly into your IoT environment according to your individual needs.
Key Features	Industrial automation, Output Power 0-33dBm (1dBm adjust), Reading Distance up to 10m, Cloud Managed, Multiple Interfaces
Article Type	Stationary
Color	Grey
Length [mm]	220
Width [mm]	220

©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.

Thickness [mm]	50
Weight [g]	1000
Anticollision	yes
IP Class	IP20
PCB Material	ABS
Chemical Resistance	Not Specified
Flame Resistance	
Mechanical Resistance	IEC 68.2.27/ IEC 68.2.6
Compliance	RoHs & REACH, FCC, CE
Read / Read Write	Read
Typical Reading Range	~ 10m
Supported Standards / Tags	EPC global UHF Class 1 Gen 2 / ISO 18000-6C/ISO 18000-6B
Operating Temp °C (min)	-20
Operating Temp °C (max)	55
Storage Temp °C (min)	-20
Storage Temp °C (max)	65
Power Supply	9V - 36V AC/DC
Operating Frequency	UHF
Frequency Range	865 - 868 MHz
Interfaces Physical	Ethernet, WIFI 802.11b/g/n
Interfaces Protocol	TCP-IP Customer specific
Transfer rate [Baud]	115200
Antenna Ports	4
Antenna ext.	4
Number of Input	1
Number of Output	1
Connection	Terminal Clamps / TNC

## VARIANTS

ID	Variant
4068-01-000-00	LAN Serial