

# MAGNUM

## RFID Reader Industry Stationary

**PART ID:**  
**4013**

The MAGNUM 4013 UHF read/write reader presents an exceptional performance, becoming a low-cost solution for EPC Gen2 RFID tags. It is ideal for industrial and commercial environments that need discrete applications, with minimum headroom and antenna. The MAGNUM 4013 is a mix of information management and advanced security resources, with the convenience of being powered via Ethernet network (POE) and having an integrated antenna. Free API for software development in C, .NET and Java

### Main Specifications

Frequencies	<b>LF HF UHF</b>
Material	Other
Operating Temperature	-20°C to 50°C
IP Class	Not Specified
Compliance	RoHs & Reach, CE
Key Features	PoE Power over Ethernet, Linux Kernel, API SDK



### Full Specifications

Product ID	4013
Name	MAGNUM
Material	Other
Shape	SINGLE Frequency
Long Description	The MAGNUM 4013 UHF read/write reader presents an exceptional performance, becoming a low-cost solution for EPC Gen2 RFID tags. It is ideal for industrial and commercial environments that need discrete applications, with minimum headroom and antenna. The MAGNUM 4013 is a mix of information management and advanced security resources, with the convenience of being powered via Ethernet network (POE) and having an integrated antenna. Free API for software development in C, .NET and Java
Key Features	PoE Power over Ethernet, Linux Kernel, API SDK
Main Use	Access Control
Article Type	Stationary
Color	White
Length [mm]	260
Width [mm]	260

©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]	76
Weight [g]	2000
IP Class	Not Specified
PCB Material	FR4
Chemical Resistance	Not Specified
Flame Resistance	Not Specified
Mechanical Resistance	Not Specified
Compliance	RoHs & Reach, CE
Read / Read Write	Read&Write
Typical Reading Range	Long
Supported Standards / Tags	ISO 180000-6C Gen 2
Humidity %	95
Operating Temp °C (min)	-20
Operating Temp °C (max)	50
Storage Temp °C (min)	-40
Storage Temp °C (max)	85
Power Supply	PoE
Battery Type	None
Battery Capacity	None
Operating Frequency	UHF
Frequency Range	860-920MHz
Current Consumption	600mA
Power over Ethernet [PoE]	Yes
max.Power	15W
Interfaces Physical	RJ45,USB A/B,HD15,Female SMA
Antenna Ports	1
Antenna int.	1
Antenna ext.	1
GPIO	8
Number of Input	4
Number of Output	4
Status [Display,LED]	Yes
Customized Programming	API
Operating System	Linux
Integrated RFID Reader	UHF
Development Tools	API
Mounting Method	Stationary

## VARIANTS

ID	Variant
4013-01-000-00	UHF Read/Write ETSI
4013-02-000-00	UHF Read/Write FCC