

# Re: RFID reader design

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  - *Date:* Thu, 18 May 2006 07:13:26 GMT
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On 17 May 2006 23:32:28 -0700, "Alchemist" <[nobin.mathew@xxxxxxxx](mailto:nobin.mathew@xxxxxxxx)>  
Gave us:

I am trying to build a RFID reader for passive RFID tags like  
<http://availabletechnologies.pnl.gov/securityelectronics/rftagsdescription.stm>.  
These tags has got read/write range upto 10m.

My reader must be capable of reading tags at a minimum distance of 6m(  
also the maximum).

I got few questions regarding this

1) Is it possible to read passive tags at a distance of 6m

Not likely.

2) Is it possible to build this reader.

3)What would be the size of reader

4)What would be the power requirement of this reader

5)Is it possible to detect direction and distance of RFID tag from the  
reader

It would have to be more than an RFID tag. It would have to be able  
to report back directional data other than merely the RFID packet.

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