

TECNOLOGIAS DE RASTREAMENTO DE VEÍCULOS

PTR5923

Prof. Flávio Vaz

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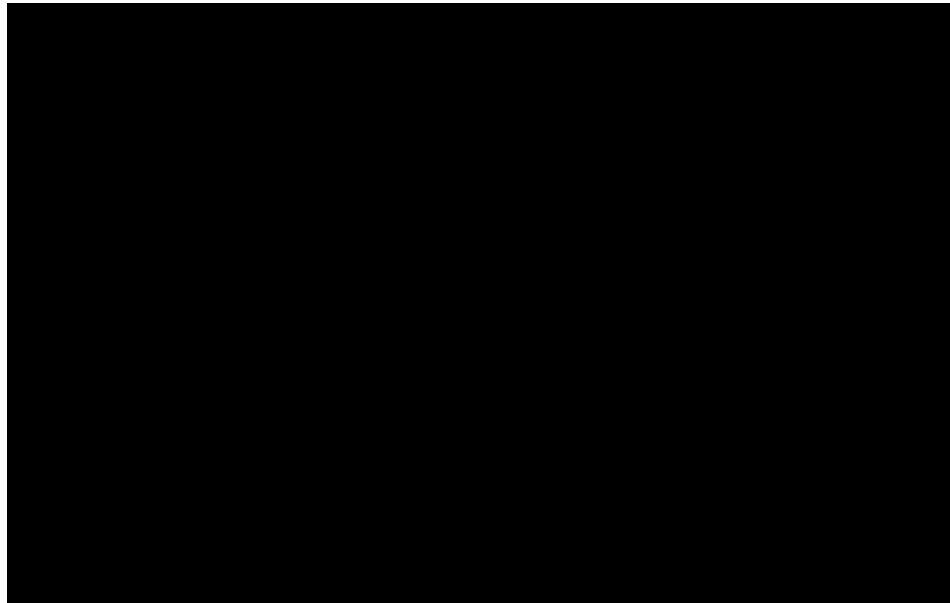
Estudo de Caso - *Jammers*

- Caso:
 - Uso de bloqueadores de sinal no roubo de cargas
- Fato:
 - Folha de São Paulo - 05/03/2014
 - Bloqueador de sinal comprado na WEB é usado em roubo de caminhões:
- Internet:
 - <http://www1.folha.uol.com.br/cotidiano/2014/03/1420987-bloqueador-de-sinal-comprado-na-web-e-usado-em-roubo-a-caminhoes.shtml>
- Local:
 - [Material%20Base/Bloqueador%20de%20sinal%20comprado%20na%20web%20é%20usado%20em%20roubo%20a%20caminhões%20-%2005_03_2014%20-%20Cotidiano%20-%20Folha%20de%20S.pdf](#)
- Proposta:
 - Solução alternativa ao rastreamento de veículos atuais



Estudo de Caso - *Jammers*

- Jammer em ação:
 - Mini Jammers portatiles (bloqueadores de señales y radiofrecuencias):
 - <http://www.youtube.com/watch?v=3B8MyjGQfRE>



Estudo de Caso - Jammers

• Jammer Store

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“Your work is important, thanks for helping protect people from the tyrannical exploitation of advanced technology.” *TechCrunch.com*

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CELL PHONE JAMMERS GPS JAMMERS GSM/GPS JAMMERS WIFI JAMMERS SPY CAM JAMMERS HIGH POWER JAMMERS

ALL BANDS GPS JAMMER

JAM ALL CELL PHONES

MONSTRO JAMMER

HIGH POWER JAMMER

MONSTRO JAMMER
ONE JAMMER TO JAM 10 FREQUENCIES

-ALL GSM BANDS (GSM 900, CDMA 850, GSM 1800, GSM 1900) for USA and EUROPE
-ALL GPS (L1 L2 L5) and GLONASS FREQUENCIES
-ALL 2.4 Ghz bands (WIFI, Bluetooth, Spy cameras)

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Categories

- > 3G/GSM jammers
- > GPS jammers
- > GSM/GPS jammers
- > WIFI/Bluetooth jammers
- > Remote control jammers
- > UHF/VHF jammers
- > Bug Detectors
- > Lojack/XM/4G jammers
- > Spy Camera Jammers
- > Military jammers

Application

1 Protect Your Private Encounters

Featured Products

TITAN All-in-one Portable Jamming Solution



\$640.00

[MORE INFO](#)

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Are you looking for a portable device which will be able to jam all most popular cell phone frequencies of GSM, 3G, 4G, 4G LTE, GPS and WIFI ? You've just found it.

GJ6 Portable All Civil Bands GPS Jammer, Anti Tracking Device



\$395.00

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GJ6 is a special device that can help you avoid being tracked by any kind of GPS tracking device. It jams absolutely all car tracking devices and GPS spy bugs in radius up to 12 meters.

RCJ40-D 6 Bands Adjustable Powerful Desktop Mobile Jammer +4G



\$450.00

[MORE INFO](#)

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MONSTRO 10 Best Handheld Mobile Phone Jammer



\$499.00

[MORE INFO](#)

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GJ6 Jammer

"In fact every American should have one. They just want to track everyone and destroy our freedoms"
Sincerely, Bob K.
FOXNews.com



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TechCrunch.com

CELL PHONE JAMMERS GPS JAMMERS GSM/GPS JAMMERS WIFI JAMMERS

Categories

- 3G/GSM jammers
- GPS jammers
- GSM/GPS jammers
- WiFi/Bluetooth jammers
- Remote control jammers
- UHF/VHF jammers
- Bug Detectors
- Lojack/XM/4G jammers
- Spy Camera Jammers
- Military jammers

Articles

All you need to know about frequencies on which drones operate

AURORAGOLD: NSA's Weapon To Penetrate Network Infrastructure

70% Of The Cellphone Networks Are Monitored By NSA's Auroragold

▶ ALL ARTICLES

Countries

Don't know what cellular frequencies are used in your country? We will help:

Select country

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Social accounts



store.com/drones-frequencies

Countries

Don't know what cellular frequencies are used in your country? We will help:

Select country

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Social accounts



Details

MG-40 desktop jammer has 8 antennas and each antenna is responsible for blocking a particular frequency. It means this unit will be able to jam 8 frequencies at the same time in the radius up to 60 meters. MG-40 is a perfect solution for jamming different frequencies indoors and outdoors as well, because the working temperature is allowed to be between -40°C and +50°C. Additionally to this the output power of each antenna can be manually regulated, thus increasing or reducing the jamming range of the frequency which is coupled with this antenna. The weight of the unit is 3.2KG which is quite a few – it can be easily used inside your vehicle or be moved without any problems from one room (or building) to another.

MG-40 is pre-configured to initially jam **5 following frequencies**:

- GSM 900 and/or GSM 1800 and/or GSM 1900 – depending on the country where the jammer will be used.
- WIFI/Bluetooth (2.4 GHz) – same frequency for all countries
- 3G (2110-2170 MHz) – same frequency for all countries
- GPS (1570-1580 MHz) – same frequency for all countries.

Additionally to 6 primary frequencies MG-40 is presented in **3 configurations**:

- 4G LTE (725-770 MHz) and 4G Wimax (2500-2700 MHz)
- 315 MHz and 433 MHz
- VHF (135-174 MHz) and UHF (400-470MHz)

You can also choose a fully bespoke model and choose up to 8 different frequencies from the list of all available frequencies:

CDMA450
GPS L1, L2, L3, L4, L5
Lojack (173MHz)
Wi-Fi/Bluetooth
2.4Ghz wireless camera
3G
4G Wimax/ 4G LTE
CDMA800
GSM 850
GSM1900
GSM900
GSM1800
Remote controls (315Mhz, 433Mhz, 868Mhz)
SAT Satellite Phones 1520-1670MHz
UHF(420-480Mhz) and VHF(130-180Mhz)
Low frequencies: 130-205MHz, 205-275MHz, 275-345MHz, 345-415MHz, 425-500MHz, 850-965MHz

Specifications:

Jamming radius: up to 60 meters (depends on the cell phone signal strength in the area)
Total output power: 20W
Power supply: 50-60Hz, 100-240V AC
Dimensions: 370x 140 x 51mm
Working temperatures: -40°C to +50°C

Features:

- Jamming of all most popular (standard) worldwide frequencies at the same time - GSM, 3G, GPS, WIFI;

- Jammer can be configured to jam frequencies of different countries (Asia, North & South America, Europe, Australia, Africa, Middle East);

Detect & Locate wireless microphones, spy cameras & GPS trackers. **HS-007 plus**

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MONSTRO 10

Jam all major frequencies in the radius up to **15 meters**

from **\$499***

* - Free DHL shipping

SPECIAL OFFER

CBD99 Wireless Camera Detector

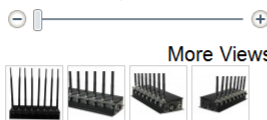
instead \$680.00
only \$579.99

Jammer Store - Cell Phone Jammers

MG-40 | 8 Bands All Frequencies Desktop Powerful Jammer



Double click on above image to view full picture



More Views

*Configuration

- Primary 5 + 31!
- Primary 5 + 4G
- Primary 5 + UH
- GPS L1, L2, L3
- Fully bespoke (



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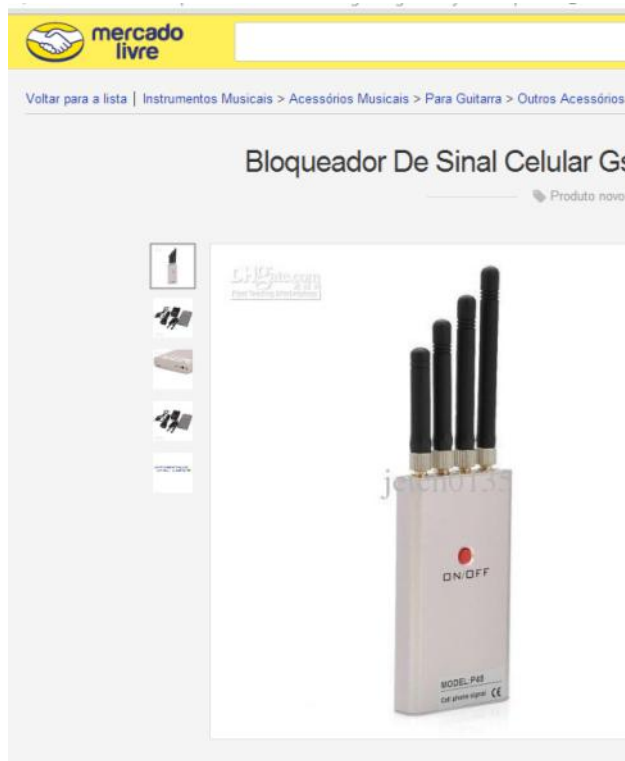
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store.com/cbd99-wireless-camera-scanner-detector.html

Estudo de Caso - *Jammers*

- Mercado Livre



mercado livre

Voltar para a lista | Instrumentos Musicais > Acessórios Musicais > Para Guitarra > Outros Acessórios

Bloqueador De Sinal Celular Gs

Produto novo

Model: PIS

Informação sob

Localizado em Ipati

Reputação



Este vendedor ainda não tem vendas suficientes para ter a reputação calculada. Pague com o MercadoPago que o seu dinheiro estará 100% protegido.



mercado livre

Você também pode se interessar: capacete moto, suspensão ar, alto falante, rodas aro 20

Voltar para a lista | Acessórios para Veículos > Acessórios de Carros > Interior > Alarmes e Segurança > Bloqueadores e Imobilizadores > Out | Anúncio #710914257 Faça uma denúncia | Vender um igual

Bloqueador De Sinal De Gps, Gsm, 3g

Produto novo 19 vendidos

R\$ 185⁹⁹

12 x R\$ 15⁶⁰ Sem juros com o mercado pago

VISA

Mais opções

Envios para todo o país pelo MercadoEnvios

Saiba os prazos de entrega e formas de envio.

Calcular frete

Quantidade: 1

Comprar

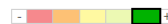
Compra Garantida com o MercadoPago

Receba o produto que está esperando ou devolvemos o dinheiro.

Informação sobre o vendedor

Localizado em São Paulo

Reputação



Este vendedor é MercadoLider Platinum

97%

dos seus compradores o recomendam

20853

vendas concretizadas

Excelente vendedor

É um dos melhores do site

1 ANO

vendendo no Mercado Livre

Estudo de Caso - Jammers

- Mercado Livre



Você também pode se interessar: celular android, iphone 4, iphone 6

[Voltar para a lista](#) | [Celulares e Telefones > Outros](#)



Bloqueador Whatsapp, Redes S...
R\$ 2.180⁰⁰

12 x **R\$ 218⁸⁷**
com MercadoPago   
[Mais opções](#)



Frete grátis* pelo MercadoEnvios
(*Exceto para as regiões Norte e Nordeste).

[Calcular o prazo de entrega](#)

Comprar

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Bloqueador Whatsapp, Re

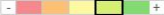




Informação

Localizado

Reputação



96%

dos seus compradores
o recomendam

30

vendas
concretizadas

BLOCK ALL*

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+ NEXTEL!

***-IMPEDE O USO E O ACESSO AS REDES SOCIAIS,
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APRESENTAÇÕES, PALESTRAS E CULTOS
RELIGIOSOS!***

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Oi - Vivo - Tim - Claro - Telemar - CTBC - Nextel

***-IMPEDE O FUNCIONAMENTO DE TODAS AS ESCUTAS DE TODOS OS TIPOS /
MODELOS / MARCAS, DE TODAS AS OPERADORAS!***

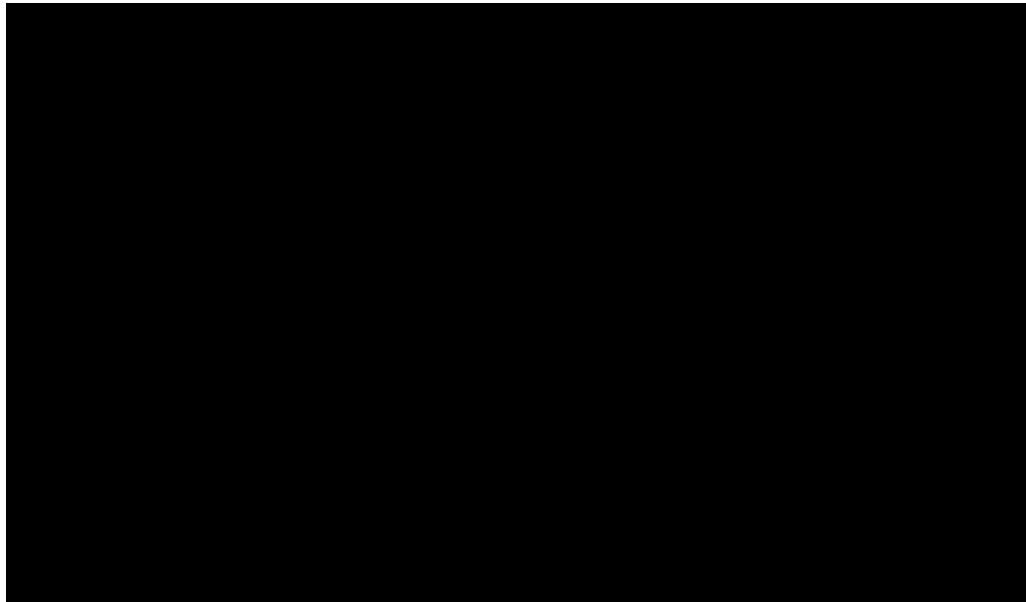
Bloqueia Espiões de Veiculos, Bagagens e Pessoas!

Estudo de Caso - *Jammers*

- Proposta de solução:

Bloqueador de sinais GPS / GPRS (Ituran): (7"07')

<http://www.youtube.com/watch?v=e0nm1GaMiK4&feature=related>



ATIVIDADE

- Em grupos de **3** pessoas faça uma apresentação no Power-point exibindo:
 1. A proposta apresentada é válida?
 - Apresente os pontos altos e baixos da proposta apresentada
 2. Apresente a sua proposta de solução ao problema, mostrando as limitações e pontos altos da proposta

BOM TRABALHO!

OBRIGADO!

PTR5923 - Tecnologias de Rastreamento de Veículos

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