Indicator: Volume Price Confirmation Indicator (VPCI)

LazyBear WIZARD May 14, 2014

Bitcoin / Dolar · 1s · BTCE - TradingView A434.57 Y437.00 D434.00 K437.00 +2.44 (+0.56%)

VPCI_LB 7 35 8 20 2.5 0.3819 0.4095 u/d u/d u/d

Over/Below Bollinger Bands

V bottom

VPCI (MA enabled, Bands disabled)

VPCI_LB 7 35 8 20 2.5 0.3819 u/d 0.3069 0.6133 0.0005 u/d

VPCI (Bands enabled)

lazybear   custom   indicators   Volume Indicator   price   Volume

💬 19   🚩   ↗   👍 8395

Developed by Buff Dormeier, VPCI won 2007 Charles H Dow award by the MTA . VPCI plots the relationship between price trend and the volume , as either being in a state of confirmation or contradiction.

Excerpt from article below:

"Fundamentally, the VPCI reveals the proportional imbalances between price trends and volume-adjusted price trends. An uptrend with increasing volume is a market characterized by greed supported by the fuel needed to grow. An uptrend without volume is complacent and reveals greed deprived of the fuel needed to sustain itself. Investors without the influx of other investors (volume) will eventually lose interest and the uptrend should eventually breakdown.

A falling price trend reveals a market driven by fear. A falling price trend without volume reveals apathy, fear without increasing energy. Unlike greed, fear is self-sustaining, and may endure for long time periods without increasing fuel or energy. Adding energy to fear can be likened to adding fuel to a fire and is generally bearish until the VPCI reverses. In such cases, weak-minded investor's, overcome by fear, are becoming irrationally fearful until the selling climax reaches a state of maximum homogeneity. At this point, ownership held by weak investor's has been purged, producing a type of heat death capitulation. These occurrences may be visualized by the VPCI falling below the lower standard deviation of a Bollinger Band of the VPCI, and then rising above the lower band, and forming a 'V' bottom. "

Full article: http://www.mta.org/eweb/docs/2007DowAwar...

Nearly all parameters are configurable and exposed via "Options" page (enable/disable BB, enable/disable breach-markings, enable/disable MA, ...).Also check the source for enabling "histogram" (difference between VPCI and MA of VPCI).

Do note that the shortTerm/longTerm lengths need tuning for your instrument. The default 5/20 is not optimal, in my quick check.

List of my free indicators: http://bit.ly/1LQaPK8
List of my indicators at Appstore: http://blog.tradingview.com/?p=970

🐦 Twitter   🌐 Website

```
1   //
2   // @author LazyBear
3   //
4   // If you use this code in its orignal/modified form, do drop me a note.
5   //
6   study("Volume Price Confirmation Indicator [LazyBear]", shorttitle="VPCI_LB")
7   shortTerm=input(5)
8   longTerm=input(20)
9
10  src=close
11  vpc = vwma(src, longTerm) - sma(src, longTerm)
12  vpr = vwma(src, shortTerm)/sma(src, shortTerm)
13  vm  = sma(volume, shortTerm)/sma(volume, longTerm)
14
15  vpci = vpc*vpr*vm
16  hline(0)
17  plot(vpci, color=orange, linewidth=2)
18
19  DrawMA = input(true, type=bool, title="Draw MA on VPCI?")
20  lengthMA=input(8, "VPCI MA Length")
21  s=sma(vpci, lengthMA)
22  plot(DrawMA?s:na, color=teal)
23
24  // Uncomment this line to enable histogram
25  // plot(DrawMA?(vpci-s):na, color=blue, style=histogram)
26
27  DrawBands = input(false, type=bool)
28  HighlightBreaches = input(true, type=bool)
29  length=input(20, title="BB Length")
```

```
30  muit=input(2.5)
31  bb_s = vpci
32  basis = sma(bb_s, length)
33  dev = (mult * stdev(bb_s, length))
34  upper = (basis + dev)
35  lower = (basis - dev)
36
37  plot(DrawBands?basis:na, color=gray, style=line)
38  p1 = plot(DrawBands?upper:na, color=gray)
39  p2 = plot(DrawBands?lower:na , color=gray)
40  fill(p1, p2, blue)
41
42  b_color = (bb_s > upper) ? red : (bb_s < lower) ? green : na
43  offs_v = 0.3
44  breach_pos = (bb_s >= upper) ? (bb_s+offs_v) : (bb_s <= lower ? (bb_s - offs_v) : 0)
45  Breached=(bb_s >= upper) or (bb_s <= lower)
46  plot(HighlightBreaches and Breached ? breach_pos : na, style=cross, color=b_color,linewidth=3)
47
```

🔗 **BENZER FİKİRLER**

Indicators: Volume-Weighted MACD Histogram & Sentiment Zone Osc
LazyBear `WIZARD` 💬 12 · May 30, 2014

Yorumlar

Yararlı veya teşvik edici bir yorum bırakın. Piyasalara birlikte hakim olalım

Alkışlarla yorum   **Yorum Paylaş**

William_Gann · May 3, 2021 🔗 ⚑

here we go

🔵 **100 koin**

+4 ▲ Cevap Gönder

A amlandutta `PRO` · May 7, 2018 🔗 ⚑

Dear Sir,

Could you please explain what is the meaning of green and red + sign in VPCI indicator

Thanks

Amlan

+105 ▲ Cevap Gönder

> **theheirophant** `PREMIUM` · Haz 29, 2019 🔗 ⚑
>
> @amlandutta, when the vpci is outside bollinger band
>
> +26 ▲ Cevap Gönder

K Kurbelklaus `PRO` · May 14, 2014 🔗 ⚑

Dude seriously... you need to stop publishing this fast. I can't even keep up getting informed about your great indicators as fast as you're coding them! Bottomline - your work is amazing and highly appreciated here :)

+22 ▲ Cevap Gönder

> **LazyBear** `WIZARD` · May 14, 2014 🔗 ⚑
>
> Thanks @Hpotsirc. I still have many in the pipeline coded and ready to be published...will not add anything new to the pipeline, promise..ok? :)
>
> +14 ▲ Cevap Gönder

> > **K Kurbelklaus** `PRO` · May 14, 2014 🔗 ⚑
> >
> > Hehe, no no please keep it up! I just realised that I already had 5 of your indicators in my todo-bookmark-folder when I added this one, thats why I came up with the comment. Your work is really gold to the community so once again: Thank you very much! :)
> >
> > +11 ▲ Cevap Gönder

> > **DhanusRamg** · Şub 18, 2019 🔗 ⚑
> >
> > @LazyBear, what is the ideal setting for 15 min chart. please indicate. You did say earlier that defaul5/20 is to be adjusted for short term and long term
> >
> > +26 ▲ Cevap Gönder

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timwest `PREMIUM` · May 14, 2014 🔗 ⚑

is there any chance you could have it show you when to buy by painting the bars green when it is in a BUY signal and painting the bars RED when it is in a sell signal? And great work you are doing for everyone with all of your publishing - Excellent! Cheers, Tim

+14 ▲ Cevap Gönder

> **LazyBear** `WIZARD` · May 14, 2014 🔗 ⚑
>
> Do you mean, like this?
>
>
>
> +37 ▲ Cevap Gönder

> > **C chenchen3529** · Eki 2, 2015 🔗 ⚑
> >
> > How can I get this?

How can I get this!

+5 ▲ Cevap Gönder

TheYangGuizi · May 13, 2016 🔗 🏳

Any chance you'd be willing to release this, looks great!

+7 ▲ Cevap Gönder

AkifMatin1 · Mar 25, 2020 🔗 🏳

Hi, How can I get the indicator ? In Metaeditor I have tried but there's a lots of error showing. Can anyone please help? Thanks

+6 ▲ Cevap Gönder

MURALI1234 · Eki 14, 2016 🔗 🏳

Hi ,
I need your help on coding in Trading view. I need to draw one line on high of the selected bar and one line on low of selected bar.
Can you please help.

+5 ▲ Cevap Gönder

pradeep5344 PREMIUM · Şub 26, 2020 🔗 🏳

Hello @LazyBear

Have you tried out AVSL from Buff Dormeier?

The formula written in the book was confusing, just wondering if you got a chance to check it out.

-Thanks

+1 ▲ Cevap Gönder

Poltchek PRO · May 18 🔗 🏳

Hey thanks for your scripts!
Can you recommend a setting for 5 min charts?
You said, "The default 5/20 is not optimal, in my quick check"
Best

▲ Cevap Gönder

ysk81 PREMIUM · Tem 5, 2021 🔗 🏳

Hello @LazyBear thanks for the script, but the pdf link is dead. Any chance we can find the link somewhere else?

▲ Cevap Gönder

dee718 PRO+ · Haz 13, 2021 🔗 🏳

Hello LB..

What ever happened to the Lazy Bear support and resistance indicator suite? Where Support/resistance was based off of various oscillators?

Thanks LB

▲ Cevap Gönder

William_Gann · May 3, 2021 🔗 🏳

Dear sir, please tell me how to use this tool. It is very interesting, thank you for what you are doing.

▲ Cevap Gönder

Heikens · Mar 12, 2018 🔗 🏳

Nice one!

▲ Cevap Gönder