

## [FAQ]

# Why some camera disconnected after change 8ch GV-VD2500(v2) as 8ch GV-VD3400 (v3) under 8 port GV-POE support?

Release Date: 9/24/2015

### Applied to

All GV-POE  
All GV-IP cam

### Question:

Why some camera disconnected after change 8ch GV-VD2500(v2) as 8ch GV-VD3400 (v3) under 8 port GV-POE solution?

### Answer:

GV-VD2500 is IEEE 802.3af (15.4W)

GV-VD3400 is IEEE 802.3at (30W)

There are 130W for a 8 port GV-POE, it's not good enough for 8ch GV-VD3400 requirement(240W), please consider two 8 port GV-POE or a 16 port GV-POE.

Here is the simple table of GeoVision POE switch can connect to how many channel of IP camera for 802.3af and 802.3 at

GV POE	Total Power (W)	802.3 af (15.4W per port)	802.3 at (30W)
4 Port	70W	4CH	2CH
8 Port	130W	8CH	4CH
16 Port	250W	16CH	8CH
24 Port	400W	24CH	12CH

Reference: [201304292002] PoE calculation

For any question on the information provided, please feel free to submit your question to our support window at [support@geovision.com.tw](mailto:support@geovision.com.tw)