

國立臺北大學 資訊工程學系

101專題競賽發表會

GigE Vision Protocol 分析與實作

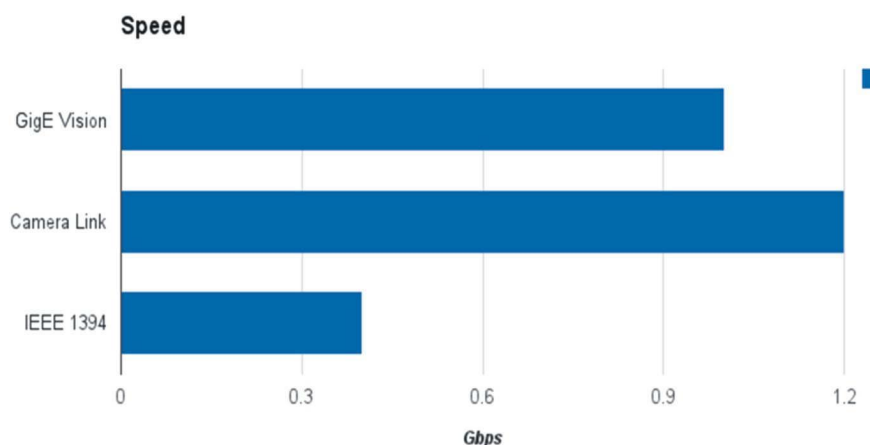
組員：莊文立

指導教授：曾俊元

Fast: 1Gbps HQ image

Low Cost: Gigabit Ethernet

Flexible: Compatible with Ethernet, IP, UDP



GiGE[®]
VISION



Control Channel

- discovery
- give commands
- change camera parameters
- heartbeat

Stream Channel

- video streaming
- flow control
- high performance

