

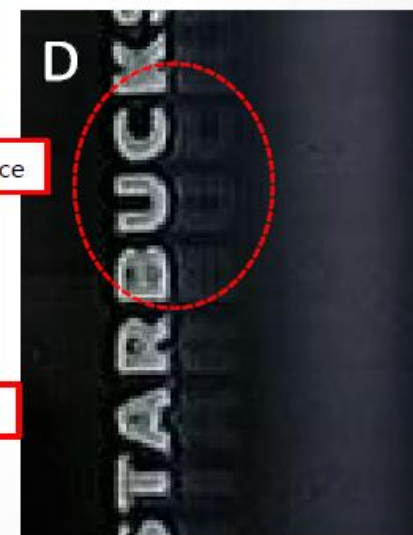
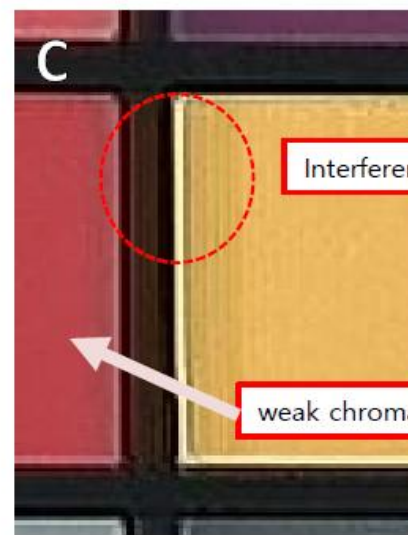


AHD VS EX-SDI

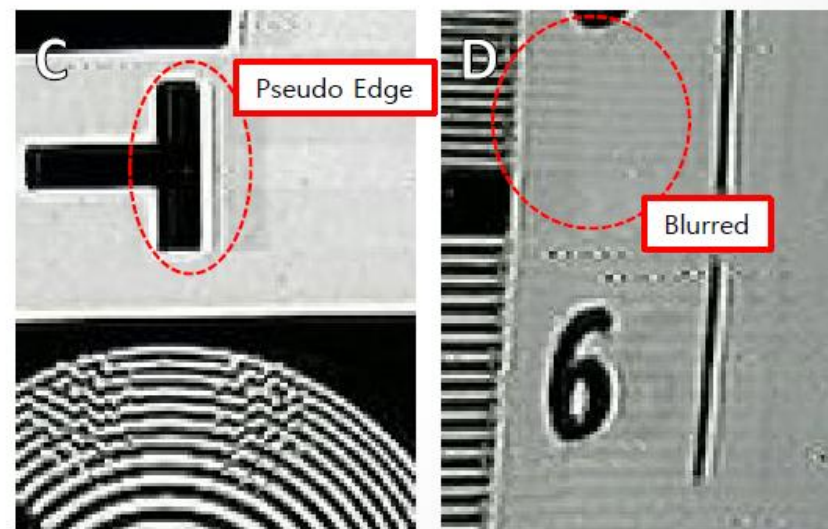
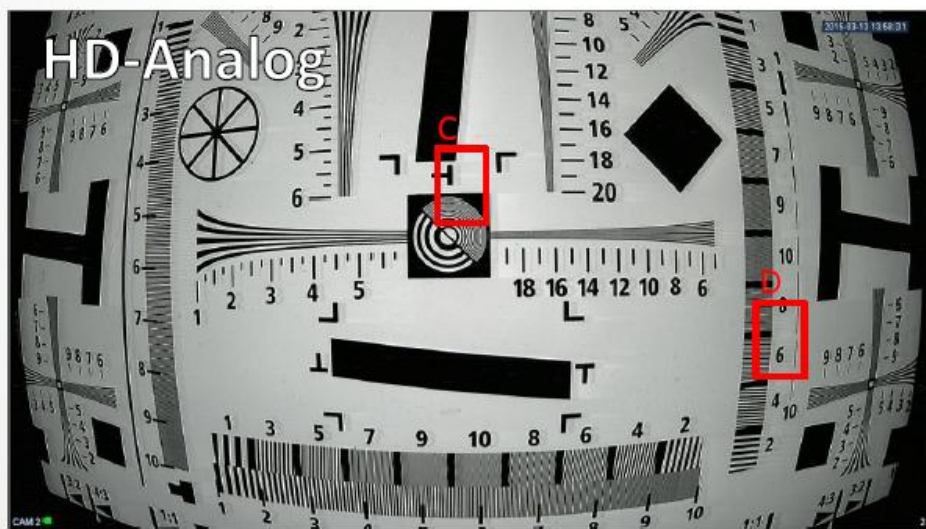
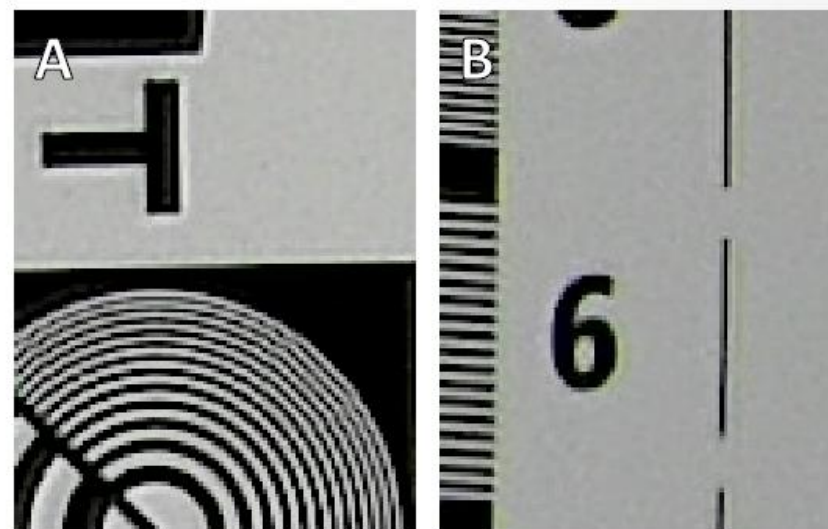
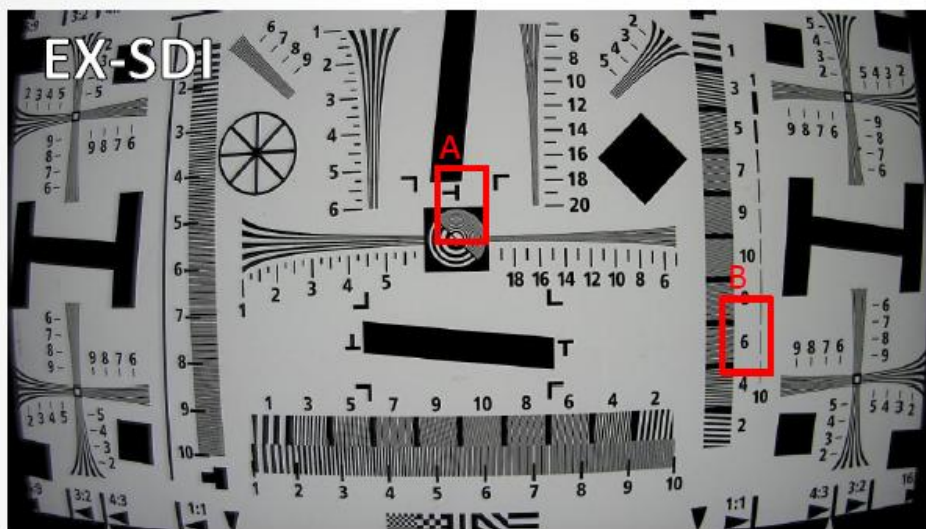
1. AHD VS EX-SDI

| Feature | HD Analog Camera | HD-SDI Camera | EX-SDI Camera |
|---------------------------|--------------------|---------------|----------------------------------|
| Resolution | 1M ~ 2M | 1M ~ 2M | 1M ~ 8M |
| P2P Distance | UTP cable | < 200m | < 200m |
| | 3C cable | < 300m | < 300m |
| | 5C cable | < 500m | < 500m |
| Video Transmission method | Analog | Digital | Digital |
| Image Quality | Loss | Lossless | Visually Lossless (PSNR: > 40dB) |
| Image Loss by distance | Loss | none | none |
| Interference noise | many (Video Noise) | few | few |
| Transmission Contents | Downstream | Audio + data | Audio + data, etc |
| | Upstream | data | Audio + data, etc |
| | Quality | low | high |
| Power over Coax(Ethernet) | difficult (noise) | easy | easy |
| Installation | easy | sensitive | easy |
| Latency | real time | real time | real time |
| Compatibility | Proprietary | Standard | Proprietary |
| Cost | low | high | low |
| Market | Grow rapidly | few | Grow |

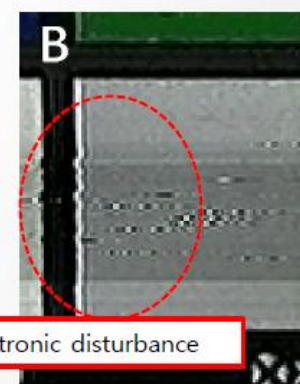
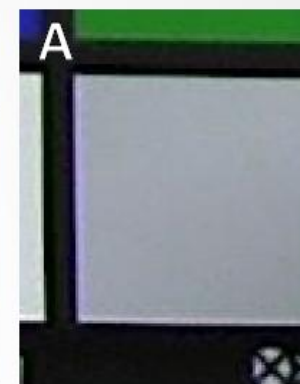
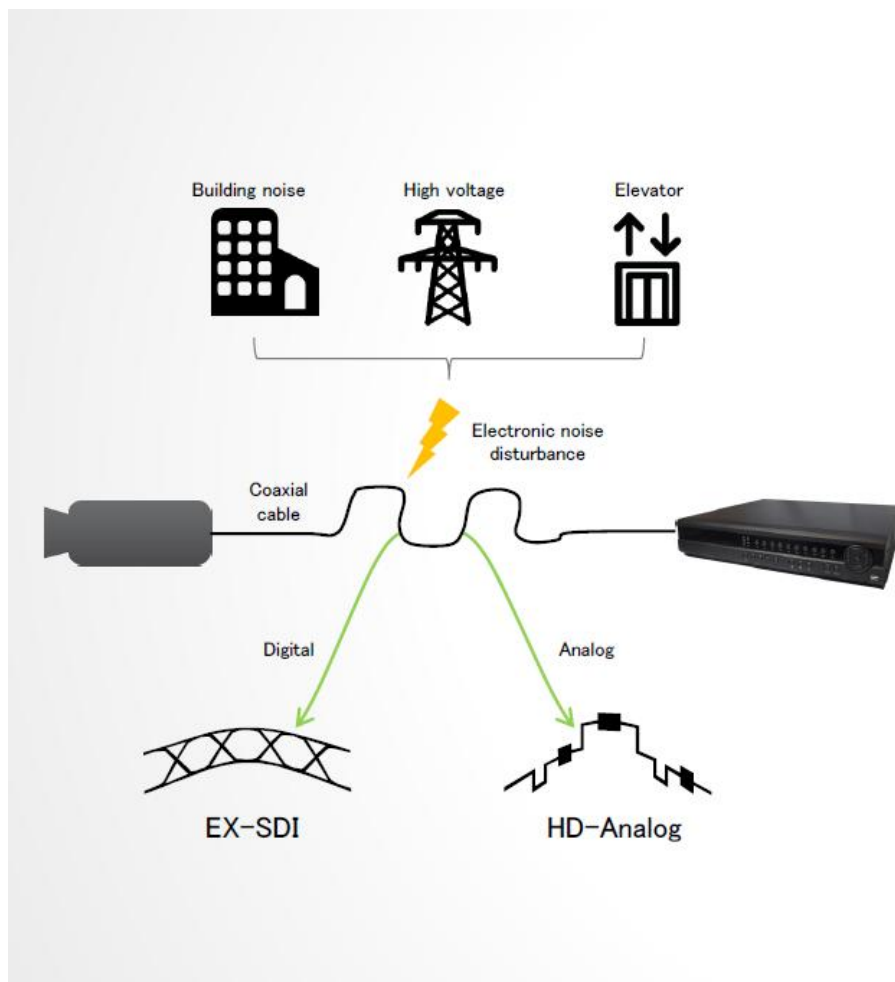
2. AHD VS EX-SDI 信号noise差别



3. AHD VS EX-SDI 清晰度差别

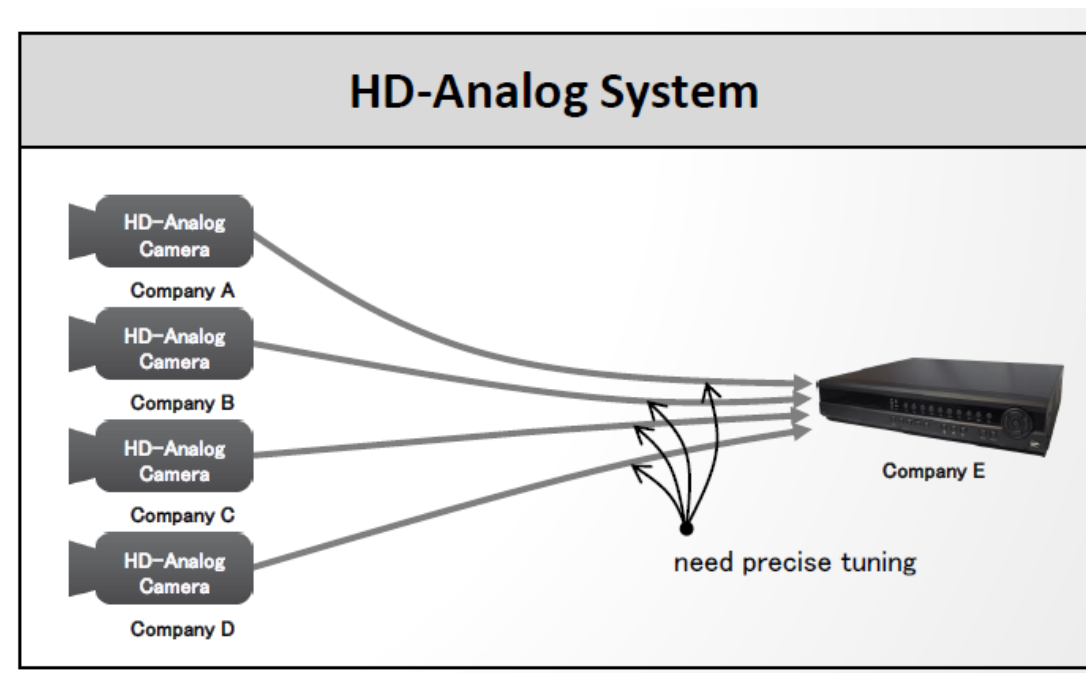
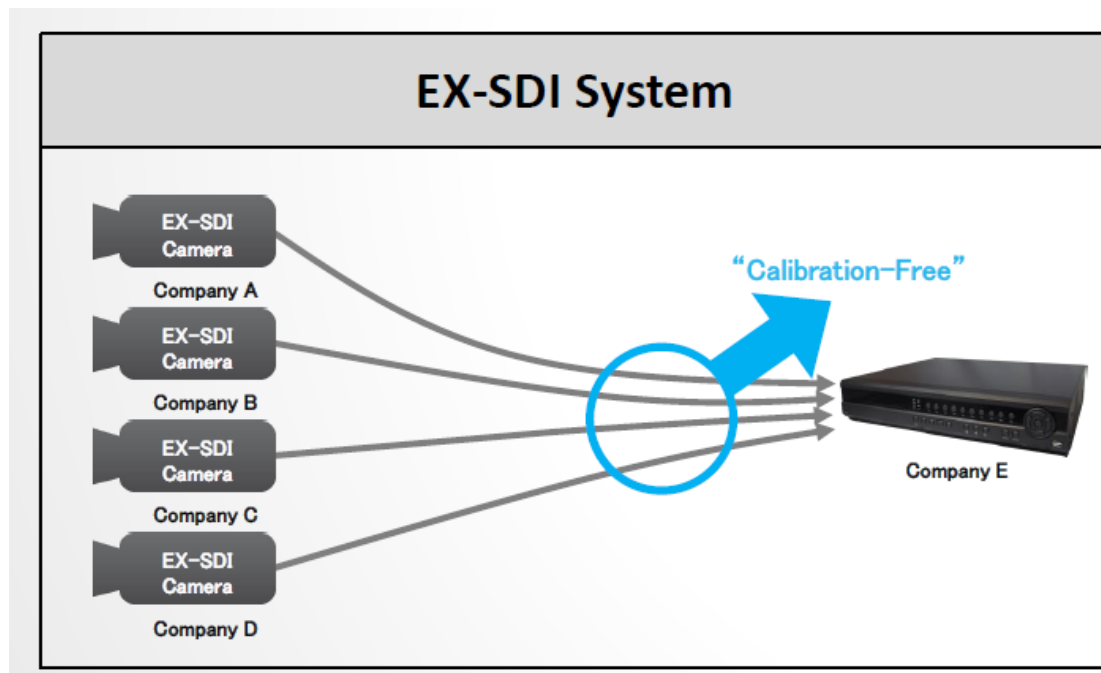


4. AHD VS EX-SDI (外部干扰噪声)



5. AHD VS EX-SDI

- EX-SDI是RX板上画质没有差别，因为数据是‘0’和‘1’





Thank you