

THine's high speed video data transmission technology realizes the significant cost reduction for PTZ cameras.

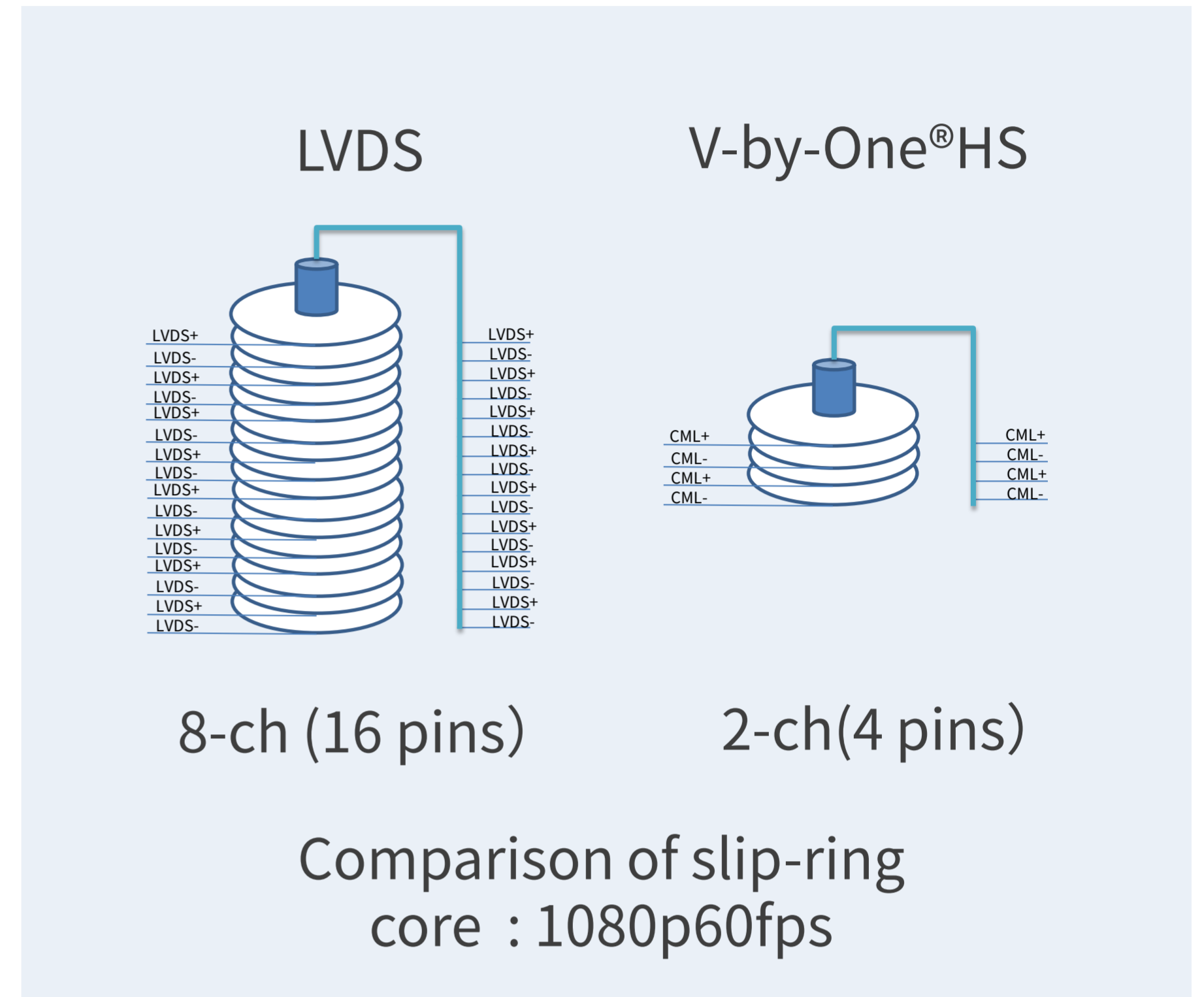
## Smaller & Lower Cost



### Signal line reduction with high speed serial I/F

V-by-One®HS uses only 1/4 of the transmission lines compared with the conventional I/F LVDS and also enables the 4K2K data transmission through the same slip-ring used in 1080p60fps.

Resolution	LVDS I/F	V-by-One®HS I/F
720p/60fps 1080i/30fps	4ch	1ch
1080p/60fps	8ch	2ch
4K2K30fps	16ch	4ch
4k2K60fps	32ch	8ch



## Countermeasure for Abrasion & Deterioration



### Adaptive equalizer to compensate signal loss

Transmitter of THCV series is equipped with pre-emphasis function while receiver is equipped with adaptive equalizer function. In case of the use of FFC and slip-ring and the insertion loss caused by abrasion and deterioration, the signal quality is corrected and compensated by adaptive equalizer.

