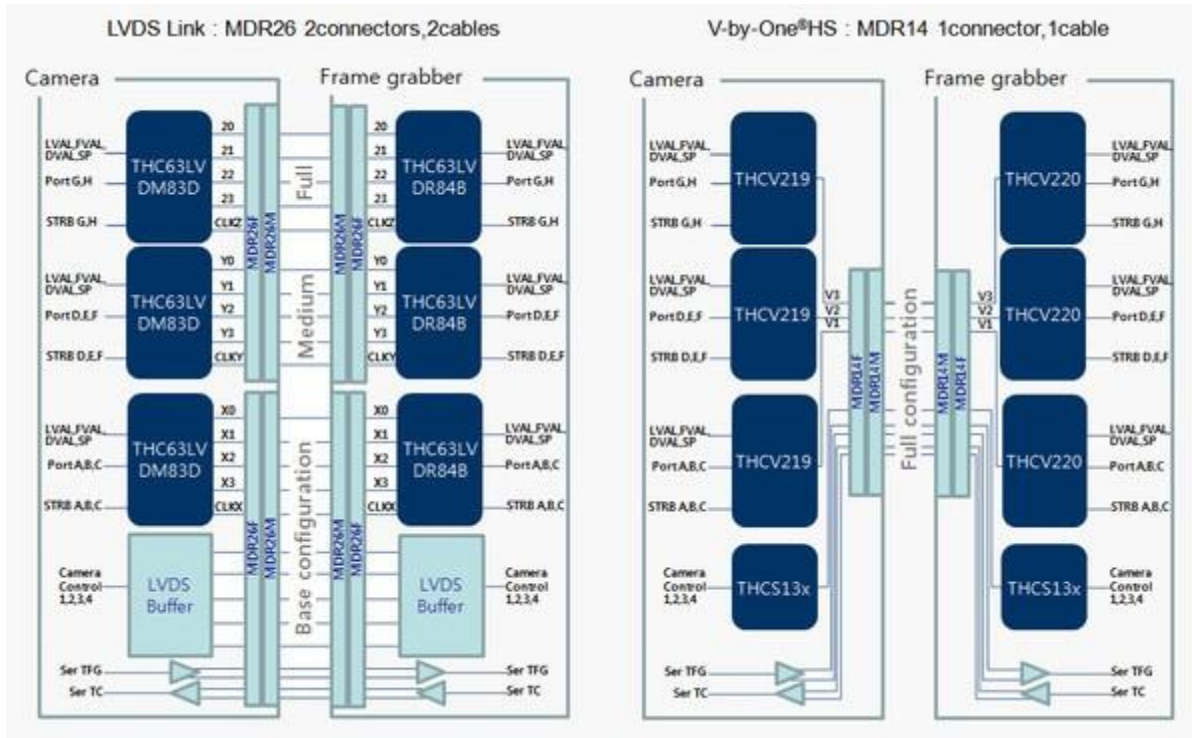


Camera

Machine Vision



Camera LVDS Link Transmitter/Receiver (TH63LVD series)

Transmitter: [TH63LVDM83D](#), [TH63LVDM87](#) (small package, low power consumption)

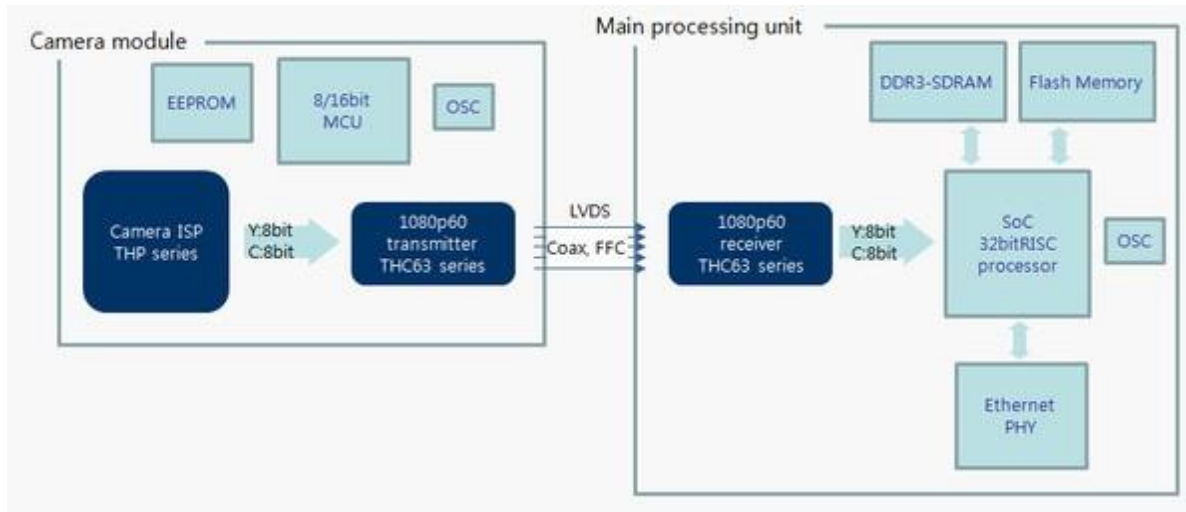
Receiver: [TH63LVDR84C](#)

V-by-One®HS Transmitter/Receiver (THCV series)

Transmitter: [THCV219](#)

Receiver: [THCV220](#)

Security Camera (HDTV)



LVDS serializer/de-serializer (THC63LVD series)

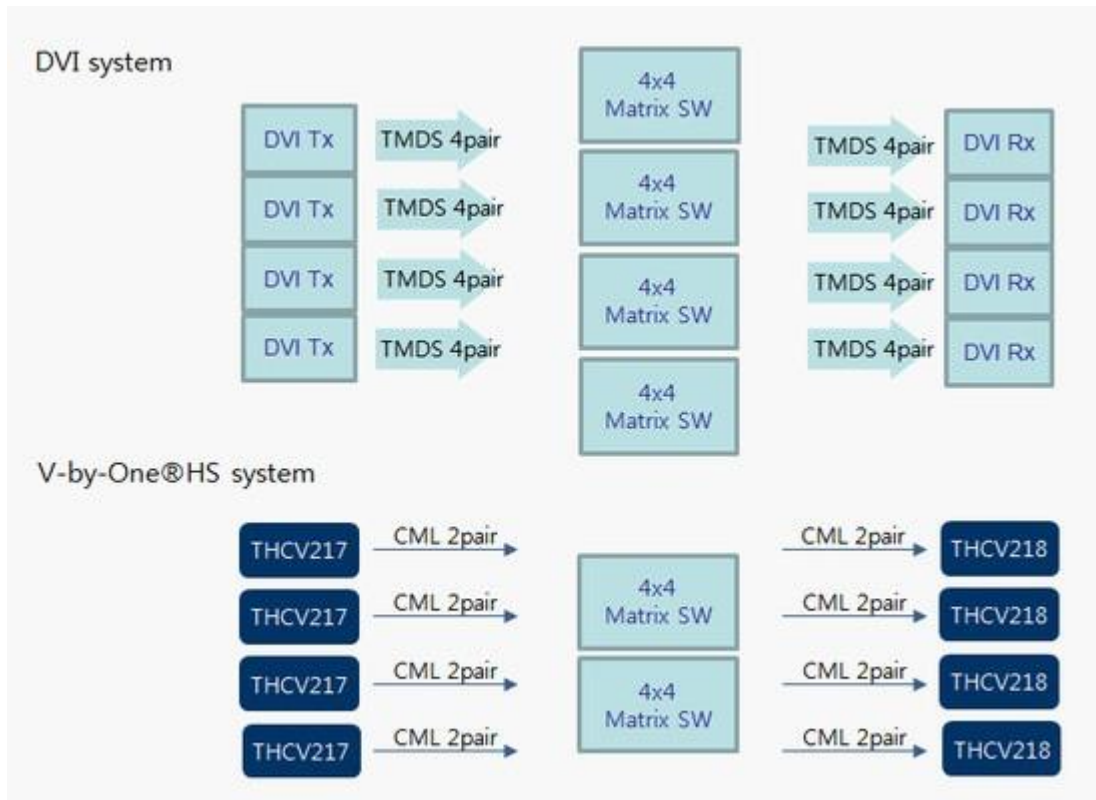
Signal Format	Transmitter (Serializer)	Receiver (De-serializer)
1080p30, 1080i60, 720p60 YCbCr422 20 bit RGB/YCbCr444 18/24 bit	THC63LVDM83D THC63LVDM87 (5x5mm)	THC63LVDF84C THC63LVDR84C THC63LVD104C
1080p60 RGB/YCbCr444 18/24 bit	THC63LVD827 (7x7mm)	THC63LVD1022 (1 port output) THC63LVD1024 (2 port output)

V-by-One@HS Transmitter/Receiver (THCV series)

Signal Format	Transmitter (Serializer)	Receiver (De-serializer)
1080p30, 1080i60, 720p60 YCbCr422 20 bit RGB/YCbCr444 18/24/30 bit	THCV219 THCV235	THCV220 THCV236
1080p60 RGB/YCbCr444 18/24/30 bit	THCV217	THCV218
1080p60 YCbCr422 8/10/12 bit	THCV231 (5x5mm)	THCV236

Image Signal Processor (THP series) [THP7312](#) (RGB+IR sensor, Alternate row HDR sensor)

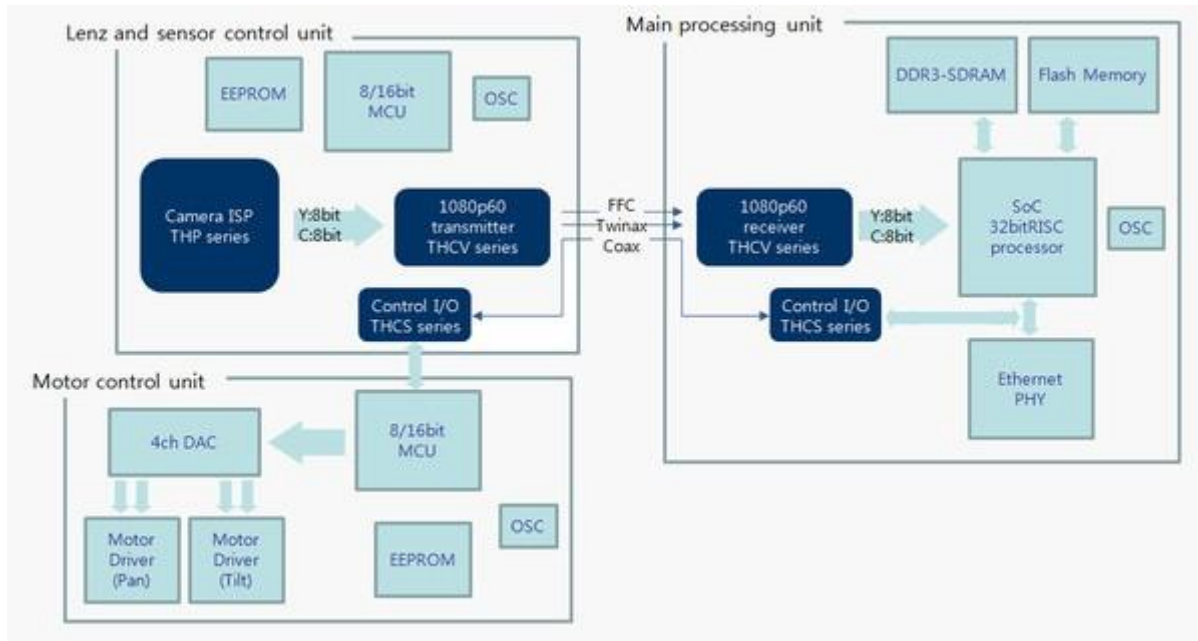
Video Switcher/Mixer



V-by-One@HS Serializer (THCV series) [THCV217](#)

V-by-One@HS De-serializer(THCV series) [THCV218](#)

Security Camera (HDTV PTZ Dome Camera, Pan: 360° endless)
Video Conferencing System (Communication Video Camera)

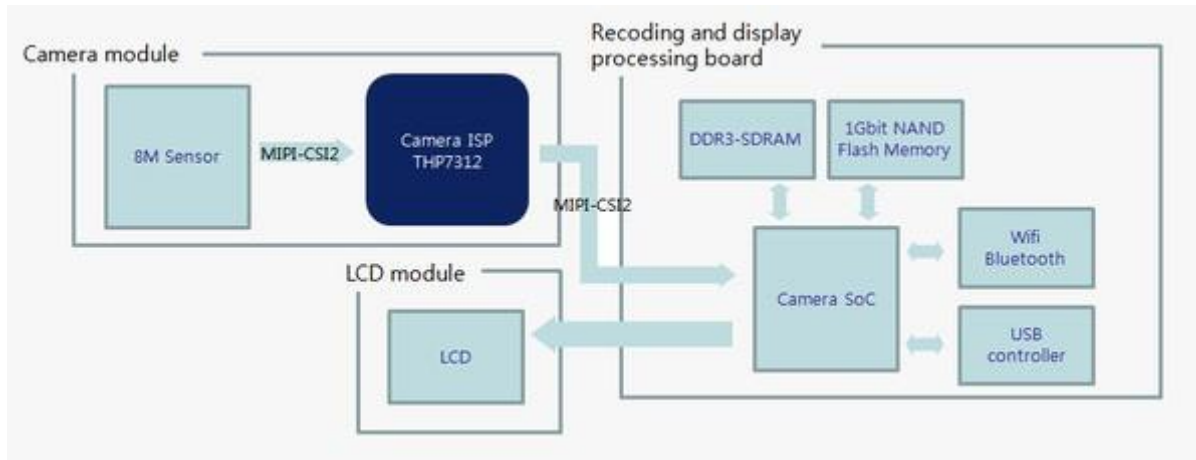


V-by-One@HS Transmitter/Receiver (THCV series)

Signal Format	Transmitter (Serializer)	Receiver (Deserializer)
1080p30, 1080i60, 720p60 YCbCr422 20 bit RGB/YCbCr444 18/24/30 bit	THCV219 THCV235	THCV220 THCV236
1080p60 YCbCr422 8/10/12 bit	THCV231	THCV236
1080p60 RGB/YCbCr444 18/24/30 bit 2180p30 (4K2K) YCbCr422 16 bit	THCV217	THCV218

Image Signal Processor (THP series) [THP7312](#) (RGB+IR sensor, Alternate row HDR sensor)

Action Camera (Sports Camera)



Camera Image Signal Processor (THP series) [THP7312](#)