

The logo for HANSE, featuring a stylized 'H' with a vertical bar on its left side, followed by the word 'HANSE' in a bold, sans-serif font.

HANSE

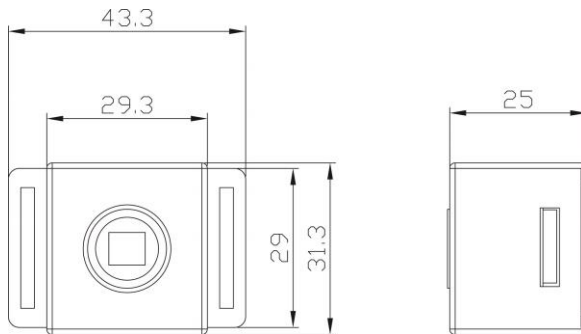
A dark, semi-transparent world map is centered in the background, rendered in a dotted or pixelated style. The map is set against a gradient background that transitions from blue on the left to pink on the right.

UVC CAMERA & Converter

5MP RGBIR USB3.0 UVC CAMERA

HS-U5RGBIR

USB3.0 Micro B Connector
PLUG&PLAY(UVC COMPLIANT)



Features

- 1/2.7" 5MegaPixels RGBIR CMOS
- Support USB3.0 Super-Speed / USB2.0 High-Speed
- Frame Rate : 30fps@5M Pixels / 60fps@Full HD
- Electronic Rolling Shutter
- Output Format : Non-compressed (YUY2), compressed MJPG
- Built-In AE / AGC / AWB / Auto Flickerless
- Plug-&-Play (UVC compliant - No drivers required)
- Built-in USB3.0 Micro-B connector
- Fixed Lens f=16.0mm

Camera Specifications

Image Sensor	1/2.7" 5Megapixels RGBIR CMOS
Effective Pixels	2688(H) x 1944(V) = 5,225,472 (Pixels)
Pixel Size	2 um
Minimum illumination (F1.2)	Color : 0.1 Lux B/W : 0.08 Lux
Resolution	5M (2592x1944) / 3M (2048x1536) / FULL HD (1920x1080) / 2M (1600x1200) / SXGA (1280x1024) / HD (1280x720) / VGA(640x480)
Frame Rate	30fps@5M / 30fps@3M / 60fps@FULL HD / 60fps@2M / 60fps@SXGA / 120fps@HD / 120fps@VGA
Video Data Output	Non-Compressed (YUY2) / MJPEG(YUV422) / RAW 8bits-10bit-12bit
Interface	USB3.0 Super-Speed USB2.0 High-Speed / Full-Speed
Auto Exposure Control	Built-in
Auto Gain Control	Built-in
Auto White Balance Control	Built-in
Auto Flicker Detection Removal	Built-in
Lens	Fixed lens f=16.0mm, D=21.0°
Operating System	Support Windows 7, Windows 8, Windows 10 , Linux
PC Requirements	CPU : Equal to Intel Core 2 2.8GHz or Higher Memory : 2GB or More USB Port : USB2.0 / USB3.0 Port

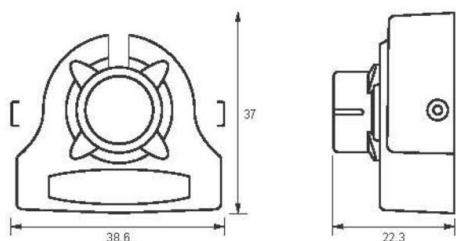
Power Supply	DC 5V (±5%)
Power Consumption	Max. 2.3W
Operating Temperature	-10°C ~ +50°C
Operating Humidity	Less than 90%
Dimension	43.3(W) x 31.3(H) x 25(D) mm

* In accordance with customers' request and OSD controller's option, the specifications can be fixed or changed without notice.

8MP USB3.0 UVC CAMERA

HS-U8

USB3.0 Micro B Connector
PLUG&PLAY(UVC COMPLIANT)



Features

- 1/3.2" 8MegaPixels Samsung LSI CMOS
- Support USB3.0 Super-Speed / USB2.0 High-Speed
- Frame Rate : 15fps@8M Pixels / 30fps@5M Pixels / 60fps@Full HD
- Electronic Rolling Shutter
- Output Format : Non-compressed (YUY2), compressed MJPG
- Support Audio 1 Channel Input (Option)
- Built-In AE / AGC / AWB / Auto Flickerless
- Plug-&-Play (UVC compliant - No drivers required)
- Built-in USB3.0 Micro-B connector
- Fixed Lens f=3.6mm
Pinhole Lens (Option)

Camera Specifications

Image Sensor	1/3.2" 8 Megapixels Samsung LSI CMOS
Total Pixels	3316(H) x 2500(V) = 8,290,000 (Pixels)
Effective Pixels	3264(H) x 2448(V) = 7,990,272 (Pixels)
Pixel Size	1.4 um
Minimum illumination (F1.2)	Color : 0.1 Lux B/W : 0.08 Lux
Resolution	8M (3264x2488)/5M (2592x1944)/3M (2048x1536) FULL HD (1920x1080) / 2M (1600x1200) / SXGA (1280x1024)/HD (1280x720)/VGA(640x480)
Frame Rate	15fps@8M / 30fps@5M / 30fps@3M / 60fps@FULL HD / 60fps@2M / 60fps@SXGA / 120fps@HD / 120fps@VGA
Video Data Output	Non-Compressed (YUY2) / MJPEG(YUV422) / RAW 8bits-10bit-12bit
Interface	USB3.0 Super-Speed USB2.0 High-Speed / Full-Speed
Auto Exposure Control	Built-in
Auto Gain Control	Built-in
Auto White Balance Control	Built-in
Auto Flicker Detection Removal	Built-in
Audio Channel	1-Ch Input (Option)
Audio Sampling Frequency	8,11.025, 16, 22.05, 24, 32, 44.1, 48 (KHz)

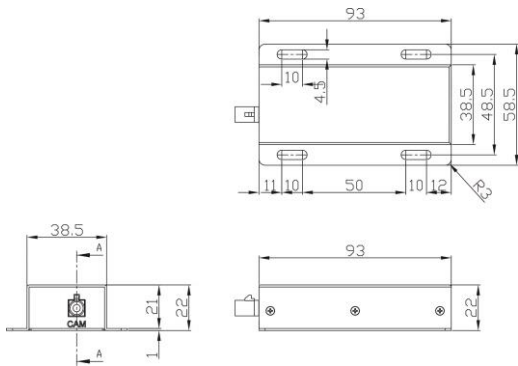
Audio Mute Function	Yes with ZCD
Audio Sample Size	8 bits or 16 bits
Audio UAC Synchronization Type	Asynchronous
Lens	Fixed lens f=3.6mm
USB Connector	USB3.0 Micro-B connector
Operating System	Support Windows 7, Windows 8, Windows 10, Linux
PC Requirements	CPU : Equal to Intel Core 2 2.8GHz or Higher Memory : 2GB or More USB Port : USB2.0 / USB3.0 Port
Power Supply	DC 5V (±5%)
Power Consumption	Max. 1.5W
Operating Temperature	-10°C ~ +50°C
Operating Humidity	Less than 90%
Dimension	38.6(W) x 37.0(H) x 26.5(D) mm
Weight	Approx. 300g

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AUTOMATIVE USB3.0 UVC CONVERTER

HS-UC

AUTOMOTIVE USB3.0 Micro B Connector
PLUG&PLAY(UVC COMPLIANT)

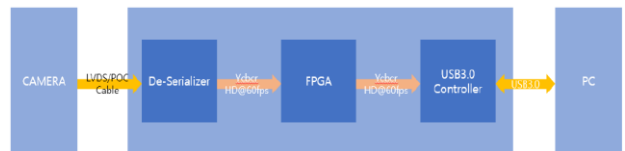


Features

- Support GMSL Serializer Input
- Built-in MAX9276 3.16Gbps GMSL Deserializer (50Ω coax / 100 Ω STP Cable)
- Support Camera Module Frame Rate : 30fps@1080P / 60fps@720P
- Support USB3.0 Super-Speed
- Video Output Format YUV422
- Plug-&-Play (UVC)
- Built-in USB3.0 type-B connector
- POWER : USB VBUS DC5V or External Power DC Jack (DC12V)

Camera Specifications

Camera Input	GMSL Serializer Input (MAX9276 GMSL Deserializer, 50Ω coax / 100 Ω STP Cable)
Camera Input Frame Rate	30fps@FULL HD(1080P) , 60fps@HD(720P)
Output Interface	USB 3.0 (UVC v1.1 BULK Transfer)
Power Supply	DC 5V (±5%) or External Power DC Jack(DC12V Input)
Power Consumption	Max. 3.0W
Operating Temperature	-10°C ~ +50°C
Operating Humidity	Less than 90%
Dimension	93.0(W) x 58.5(H) x 22.0(D) mm
Weight	Approx. 300g



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