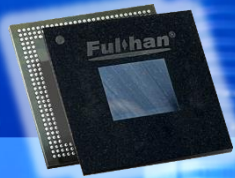


| Application 4K

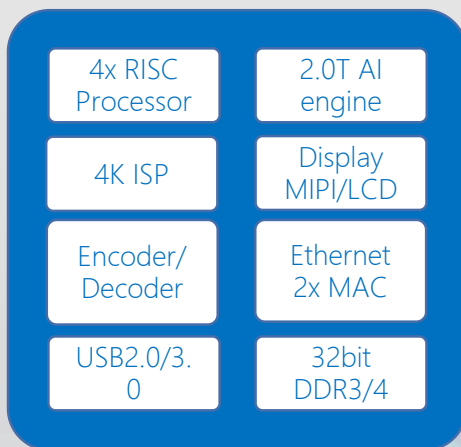
| Professional 4K AI IP Camera



| Features

- **4K**
high quality professional 4K ISP
- **2.0TOPS**
2.0TOPS AI engine
- **MIPI/LCD**
MIPI/LCD display
- Support external 32bit DDR3/DDR4
- Pin to pin compatible to FH8896

| Block Diagram



| Specifications

CPU	3x Master Processor: up to 1GHz 1x Slave Processor: up to 800MHz
CIS	Support up to 8MP inputs 2x 2-lane or 1x 4-lane MIPI, RGB bayer
ISP	2-frame WDR, local tone mapping 2DNR, 3DNR, AE/AWB/AF
Encoder/Decoder	H.264/H.265 encoder, up to 8MP@30fps H.264/H.265 decoder, up to 8MP@30fps MJPEG/JPEG up to 8MP@30fps
AI	2.0TOPS AI engine
Audio	Triple ADC & single DAC Support echo cancellation
Display	MIPI DSI/LCD/BT1120 CVBS/AHD/TVI
Ethernet	2x 10M/100M MAC
Peripherals	6x I2C, 3x SPI, 6x UART, 2x SDIO 1x USB3.0 and 1x USB2.0 4x SADC, 12x PWM
Memory	External 32bit DDR3/DDR4
Package	FCCSP427, 15mm x 15mm x 0.853mm

| Shanghai

| Shenzhen

| Chengdu

| Hangzhou

