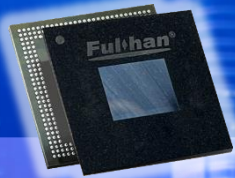


| Application

4K

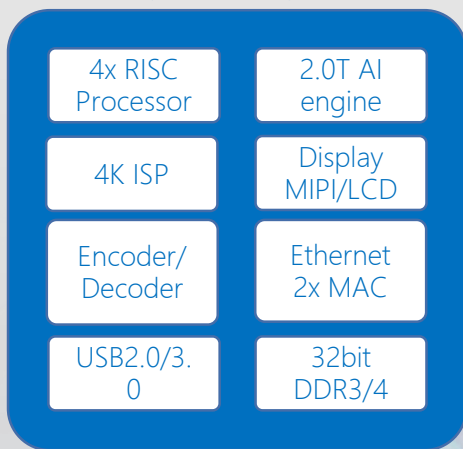
| Professional 4K AI IP Camera



| Features

- **4K**
high quality professional 4K ISP
- **2.0TOPS**
2.0TOPS AI engine
- **MIPI/LCD**
MIPI/LCD display
- **87gn" V84 V9**
Support external 32bit DDR3/DDR4
- **M**
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

6 " n n f s W f i 1 t h p 7 1 t t " W t r " 6 5 5 : 2 6 5 5 T H t i " U f p ' 1 m n n d h X n f s l n f r B n i n l " " f 3 t s l l f s l n d h T X n j s n j s Y j " 0 " 7 6 " 6 6 7 " 6 : : 1 f " 0 " 7 6 " 9 5 " 6 5 5 : 2 6 5 5 Y j " 0 " 5 : : " 7 : : 8 5

Z X Y H H f r u 1 1 1 8 ! k t t 1 X n f s l n T H n j s l i Y j " 0 " 5 7 " : 8 :

7 r f s f s l t f i " 7 1 m t s l n j s l n i n l T " r s a f s l T M f s l m t 3 Y j " 0 " 6 5 5 6 8 : 6

f j E k n f s 3 t r r f p j r s l E k n f s 3 t r 3 k n f s 3 t r t h p " 8 5 5 6 8 3

