

应用领域 | Application

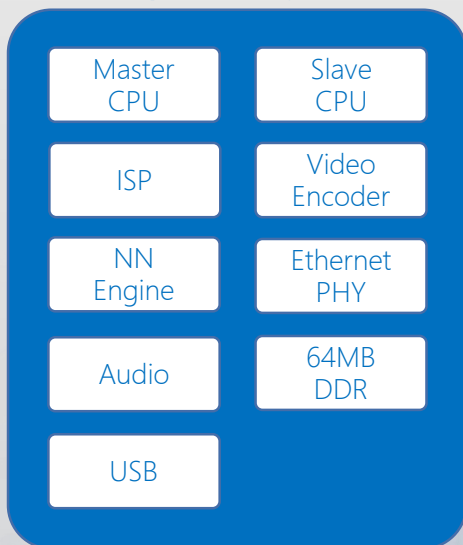
- 智能家居摄像头 | Smart Home Security Camera



产品特点 | Features

- 基于深度学习的轻智能引擎
Deep learning based smart engine
- 内置64MB内存, 最大支持3百万像素
Internal 64MB DDR, support up to 3MP
- 支持双麦克风输入
Support dual microphone inputs
- 与FH8656管脚兼容
Pin to pin compatible to FH8656

主要模块 | Block Diagram



产品规格 | Specifications

CPU	Master CPU: up to 792MHz
	Slave CPU: up to 396MHz
AI Engine	0.5TOPS computation power
	Human/Car detection Face detection/recognition (optional)
CIS	Support up to 3MP inputs
	2-lane MIPI, RGB bayer
ISP	2-frame WDR, local tone mapping
	2DNR, 3DNR AE/AWB/AF
Video Encoder	H.264/H.265 video encoder
	Support up to 3MP
	Support multi-streams: videox2+JPEGx1 JPEG: up to 3MP@5fps
Audio	Dual ADC & single DAC
	Support 8K~48KHz sampling rate Support echo cancellation
Ethernet	Internal 10M/100M Ethernet PHY
Peripherals	3xI2C, 3xSPI, 3xUART, 2xSDIO
	1xUSB2.0 2xSADC, 12xPWM
Memory	Internal 64MB DDR2
Package	QFN88, 9mmx9mm

上海 | Shanghai
上海市徐汇区宜山路717号6楼
717 Yishan Road, Block 2, Floor 6, Xuhui District, Shanghai.
Tel: +86 21 6112 1558,
Fax: +86 21 6406 6786

深圳 | Shenzhen
龙岗区天安云谷6栋东座1005-1007
Room 1005-1007, Cloud Park Building 6 East,
Longgang District, ShenZhen
Tel: +86 0755 86255308

成都 | Chengdu
双流区双兴大道1号电子科大科技园B区6栋3层
UESTC Campus, B, 6#, 3rd floor, Shuangliu,
Chengdu
Tel: +86 028 85783758

杭州 | Hangzhou
杭州市滨江区西兴街道物联网街277号中胜大厦
Wulianwang road 277,
Zhongsheng Building,
Binjiang, Hangzhou.
Tel: +86 18001983519

sales@fullhan.com
marketing@fullhan.com
www.fullhan.com
stock: 300613.sz

