

4MP Board Specification

1/3" 4MP super Low Lux CMOS Sensor with Fullhan 2K DSP, 2 layers board size with 38* 38* 10mm + 38*225mm, Support IR LED, warm LED & dual LED; H265+H.254 video coding. Support body detection & human frame. Support dual stream; Mainstream resolution is 2560*1440, Sub-stream resolution is D1. Enabled with ONVIF protocol & Net-com. With 0.5T algorithm, humanoid accuracy and frame ability greatly improved. Support 2.4G and 5G dual WIFI signals, more stable connection.



FT-TYDF400G

Hardware

Module	Fullhan 2K DSP+1/3" 4MP CMOS
LUX	Color 0.05Lux@F1.2; B&W 0.005Lux@F1.2;
S/N	≥50db(AGC OFF)
WDR	DWDR: >80db

Port Definition

Audio Input	Audio MIC Input
Audio Output	Built-in power magnify circuit
LED Type	CDS IR /Sensor Control / Warm LED/ Extra add LED drive board (Optional)
Other Function	IRCUT, Reset
Extension Function	Extension with IO

Video Coding

Coding Format		H.265、H.264
Resolution	Main Stream	2560*1440, 1-25fps/s
		2304*1296 、 1920* 1080 、 1280*720, 1-30fps/s
	Sub stream	704*576 、 640*480 、 640*360 、 352*288, 1-30fps/s
Video Coding Compression		128Kbps-8192bps Continuous Adjustable
Subtitle Overlay		Support Channel Name & Date&Time & Frame & Resolution & 4 Lines of Character Overlay

Data Transmission &Storage

Data Record	Video & Picture
Storage Method	Cycling Recording & Alarm Recording
Alarm Transfer	Browser & Management Software,APP
Protocol	ONVIF
Browser	Support IE Browser & Management Software Viewing
Mobile	TUYA App/iOS/Android

Standard Parameters

Temperature	-30℃ - +60℃
Humidity	0% - 90%
Power	DC12V / 150mA
Consumption	< 2W
Dimension	38* 38*10mm + 38*225mm
Weight	1200g