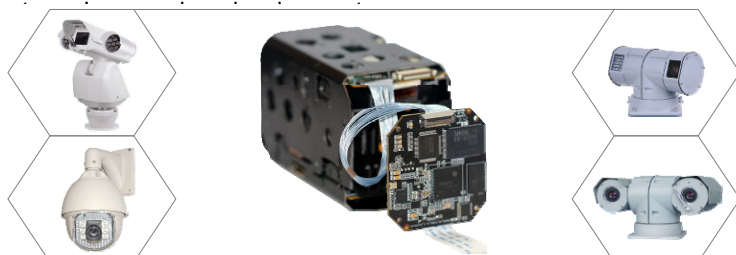


2 Megapixel H.265 Speed Dome Coding Modules TH42W (EV7310 Dedicated)

LVDS interface all in one machine dedicated (subject to CV7310),
D high speed dome IPC module, appress EV7310, easy to install on various high speed dome, integrated encoding and network transmission. Free client software (UC2) support for record, preview and playback. Provide embedded NVR TS9004A for high stable requirement system, TS9064 network attached storage for centralized monitoring, VM3000 support for remote monitoring or centralized management. Provide open SDK support for industry



42 single board, ultra-thin veneer, 2MP, TOP
3D noise reduction, low consumption,
multiple interfaces, H.264/H.265, Hisilicon
Solution, HD dome dedicated.

Order	Specification	TH42W 2MP H.265 High Speed Dome Coding Module
1	System Structure	Embedded RTOS design, dual core 32 bits DSP (HI3516D), pure hardware compression 16M FLASH, 4G DDR3;
2	Video input	1* LVDS HD digital input interface (30P Micro Coaxial socket), support Y/Cb/Cr 4:2:2 via LVDS (Y:8-bit, C:8-bit) format input, support 1080P@25FPS/720P@60FPS original video input, support movement and module 300mm separately assemble, support SONY EV7310 movement; Micro Coaxial line 120mm/300mm for choose;
3	Video Process	H.264/H.265 video Codec, support dual stream, AVI format; support code stream 500k~8M bps adjustable, support PAL and NTSC
4	Frame Rates	2MP@30FPS, support 1~30FPS adjustable
5	Image Output	Main stream: 1920×1080, 1280×720; Sub stream: 704×576, 640×480, 640×360, 480×360, 352×288, 320×240, 352×192, 320×192, 288×192, 256×192;
6	Audio Interface	channel input, level: 2Vp-p, Impedance: 1k Ω, support pickup input; 1 channel output, impedance 16 Ω, 30mw output power, support headset or amplifier play
7	Audio Interface	G.711 CODEC standard, support dual voice talkback, audio and video synchronization
8	Network Interface	1* RJ45 Ethernet interface, 10/100M self-adaption, 8KV anti-static electric capacity; support RTSP/FTP/PPPOE/DHCP/DDNS/NTP/ONVIF/P2P and so on network protocols, GB/T28181 protocol optional
9	PTZ Interface	1* RS485 interface, support PELCO and so on PTZ control protocols
10	Control Interface	1* TTL control interface, support speed dome coding board to control zoom, aperture and focus
11	Alarm Interface	1* reuse RS485 interface, support Multi IO alarm linkages and speed dome coding board
12	TF Interface	1* standard TF card storage extend interface
13	USB Interface	1* USB interface;
14	Optional	WIFI (802.11b/g/n) / 3G (Unicom WCDMA/Telecom EVDO) / 4G (China Mobile TD-LTE, LTE)

	Functions	TDD/LTE FDD) extension optional;
15	Business Functions	configure by WEB, OSD(on screen display), real-time video transmission, motion detection and IO alarm linkage , center prompt and picture pop-up after IO alarm; support remote surveillance client software(UC2); support mobile monitoring (iPhone, Android), support cross cloud service “P2P” ; Provide complete SDK pack; off-line alarm push and cloud storage functions optional;
16	Others	DC12V power input interfac, 2W power consumption, front end power input, light protection, anti-static, anti-inverse connect, support 18V turn off voltage protection; size : 42×42×9mm, about 9.6g, without housing PCBA, ,38 size single structure

Remark: 5 megapixel=2592×1920, 3 megapixel =2048×1536, 2 megapixel =1920×1080 or 1600×1200, 1.3 megapixel =1280×960, 1 megapixel =1280×720;

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