HT7536D
5MP Network 36X Optical Zoom Module

Key Features：

- 1/2.8" Sony IMX335 CMOS Sensor
- With 36X optical zoom capability
- Color：0.05Lux@F1.2 B/W：0.01Lux@F1.2
- Smart 2D/3D noise reduction algorithms, AE exposure algorithms, night images clean and refreshing
- Support H.265/H.264 Main profile/M-JPEG encoded
- Max resolution up to 2592x1944@30fps
- Support for motion detection zone and privacy zone settings
- Support 254 preset positions, 4 preset positions for cruise and horizontal scanning
- Support standard ONVIF 2.4 protocol

Technical specifications:

Image sensor	
Sensor	1/2.8" 5MP IMX335 CMOS
WDR	80dB
S/N ratio	≥50dB（AGC OFF）
Exposure mode	Program mode, shutter mode
Shutter speed	1/2 - 1/20 ,000s，Slow shutter support
D/ N mode	Auto ICR filter fixed color, external
Shot	
Focus distance	4 .6mm -167mm（F1 .6-F4.8）
Field of view angle	61.2 °（near）/2.32°（far）
Compressed format	
Video compression	H .265 / H .264 / M-JPEG
Audio compression	G711，PCM
Image Resolution	
Main stream	2592x1944@ 30fps ,
Sub stream	640 ×480/480x360/352 ×288@30fps
Storage	
SD storage	TF card storage（optional）
Network interface	
Wired	1ch 10/100BaseT Ethernet，RJ45 interface
Other	
Power supply	DC 12V
Size	97x62x51mm
Work temperature	-30 ° C ~60 ° C
Working humidity	10%-90% RH（non-condensing）

Name	(Pin)	Pin Name	Instruction
J1	1	12VDC	DC power input, voltage range 9V-13.6V
	2	Gnd	Power supply ground
	3	reservere	Reserved, please do not connect
	4	PelcoD_TXD	3.3V standard RS-232 serial port, sending standard PelcoD commands, pan tilt control
	5	Eth_TX-	Adaptive network interface
	6	Eth_TX+	
	7	Eth_RX-	
	8	Eth_RX+	
	9	Lens_RXD	3.3V standard RS-232 serial port, accepts standard VISCA/PalcoD instructions
	10	Lens_TXD	3.3V standard RS-232 serial port, responding to the standard VISCA/PalcoD instruction's return code
J2	1	VCC	USB power output port,+3.3V
	2	USB_DP	USB differential signal positive terminal
	3	USB_DM	USP differential signal negative terminal
	4	USB_ID	USB signal ground
	5	AlarmOutL1	Pin 1 of alarm output interface 1
	6	AlarmOutR1	Pin 2 of alarm output interface 1
J3	1	Audio_In	Audio linear input interface, with input peak to peak value of 1.0Vp-p
	2	Audio_Out	Audio linear output interface, output peak to peak value of 1.0Vp-p
	3	CVBS	Analog video output
	4	Alarm_In1	Alarm 1 input interface
	5	Alarm_In2	Alarm 2 input interface
	6	Gnd	Signal ground