

## HFD4M

2.8-12mm motorized zoom focus lens



### Features

- Flexible Intensifier Technology® fits any lighting application
- Supports 4MP @ 30FPS
- Adaptive IR LED's
- Motorized Lens with autofocus
- True WDR Operation
- Full OSD operation through onboard control and UTC (TVI)



White Chameleon Cover™ included

Included Junction Box



Model		HFD4M
Image sensor	Sensor type	1/2.8" SONY STARVIS 5.69Mega CMOS Sensor
	Effective pixels	2616(H) X 1964(V), 5.14M Pixels
	Total pixels	2704(H) X 2104(V), 5.69M Pixels
Resolution		720P/1080P/1440P/1944P
Framerate		NTSC 30P, PAL 25P, 20P, 12.5P
Scanning system		Progressive Scan
Min. illumination		0.01 Lux @ F1.2
Video Output	HD-Analog	TVI,CVBS
S/N Ratio		More than 50dB
Lens	Drive Type	2.8-12mm Motorized Lens with Auto Focus
	AGC	0 ~ 10 Level Adjustable
	Shutter Speed	AUTO / FLK / MANUAL(1/30Sec ~ 1/30000Sec)
	Brightness	0 ~ 20 Level Adjustable
	Sens-UP	OFF/AUTO (x2 ~ x32)
	WDR	OFF/ON(LINE/FRAME)LOW/MIDDLE/HIGH
	BLC	OFF/ON
	HLC	OFF/ON
	ACE(D-WDR/ATR-EX)	OFF/ON(LOW/MIDDLE/HIGH)
	Privacy Masking	OFF/ON (16 Zone)
	DEFOG	OFF/ON(LOW/MIDDLE/HIGH)
	D-ZOOM	1.0x ~ 16.0x
	Day & Night	Auto(AGC)/COLOR/BW/EXTERN(Lux CTL, PWM CTL)
	Smart -IR	0~20 Level Adjustable
	White Balance	AUTO(1,700K ~ 11,000K)/AUTOext/PRESET/Manual
	DNR	2D, 3DNR
	Mirror	MIRROR/FLIP
	Sharpness	0~10 Level Adjustable
	Defog	OFF/ON
Gamma Correction	0.45 ~ 0.75	
Shading	OFF/ON	
Language	ENG/KOR/CHN1/CHA2/JPN	

Power Consumption	DC 12V : Max 8.5W / 0.71A, AC 24V : Max 7.9W / 0.53A
Operating Temperature	-10 ~ +50 Deg C. RH 95% Max.
Storage Temperature	-20 ~ +60 Deg C. RH 95% Max.
Dimensions	4.76"(Dia) * 3.85"(H)
Weight	1.0 lbs

### Optional Accessories



PSW5  
12VDC  
Power Supply



INTWM  
Wall Mount



INTCM  
Corner Mount



PSW4  
24VAC  
Power Supply



TVIUTP  
HD Video  
Transceiver



TVIUTPPT  
HD Video Transceiver  
with Pigtail (Balun)

\* Camera is defaulted to HD-TVI. Speco Technologies is constantly developing and improving products. We reserve the right to modify product design and specifications without notice and without incurring any obligation. Spec Rev. 7/1/20