

AHD/TVI/CVI/XVI/CVBS Hybrid Camera Specification

Model No.	F4F	F4T	F4M	F4S	F4X
Sensor Size	1/4 inch	1/3 inch	1/2.9 inch	1/2.9 inch	1/2.8 inch
Sensor	SP140A	SC2235E	GC2393	SONY IMX307	SONY IMX307
ISP	XM310V300	XM330V200	FH8536H	XM350	FH8550M
Signal Format	AHD/TVI/CVI/XVI/CVBS				
System	PAL / NTSC(Switch By UTC/OSD)				
Resolution	1.0MP	2.0MP	2.0MP	2.0MP	2.0MP
Pixels	720P=1280×720	1080P=1920×1080	1080P=1920×1080	1080P=1920×1080	1080P=1920×1080
Video Out	XVI/AHD/TVI/CVI @1MP	XVI/AHD/TVI/CVI @2MP	XVI/AHD/TVI/CVI @2MP	XVI/AHD/TVI/CVI @2MP	XVI/AHD/TVI/CVI @2MP
Minimum Illumination	Color:0.1Lux/F1.2	Color:0.01Lux/F1.2	Color:0.001Lux/F1.2	Color:0.0001Lux/F1.2	Color:0.0001Lux/F1.2
	B&W:0.01Lux/F1.2	B&W:0.001Lux/F1.2	B&W:0.001Lux/F1.2	B&W:0.0001Lux/F1.2	B&W:0.0001Lux/F1.2
LENS	2.8mm Fixed Lens	3.6mm Fixed Lens			
LENS Resolution	1.0MP	3.0MP	3.0MP	Starlight 2.0MP	Starlight 2.0MP
LENS MOUNT	M12				
IR LED	5:15pcs/5:24pcs/5:36pcs/5:42pcs/5:72pcs or 2pcs/4pcs/6pcs Array IR LED				
IR Distance	Effective IR Distance: 10/20/30/40/70 Meters or 30/60/90 Meters				
OSD Cable	NO	NO	Supported	Supported	Supported
UTC	UTC Coaxial Control Up to 500 Meters				
S/N Ratio	>=46dB				
Gamma R.	>=0.45				
Electronic Shutter	1/50(1/60) seconds to 1/50,000 seconds				
DNR	NO	NO	3D DNR	3D DNR	3D DNR
WDR	NO	NO	NO	NO	Digital WDR
Video Out	1.0Vp-p, 75Ω Composite, BNC x 1				
Power Input	DC12V±10%				
Temp.	Outdoor: -20℃ to +70℃				
Humidity	0 to 90% RH (non-condensing)				
Sync	2:1 interlace internal Sync.				
Language	11 Countries:Portuguese,English,Russian,French,etc				
Video Setting	Contrast / Sharpness / Saturation / Digital Noise Reduction / Video System / Digital Wide Dynamics				

Model No.	AHF	AHT	AHM	AHS	AHX
Sensor Size	1/3 inch	1/2.7 inch	1/2.9 inch	1/2.9 inch	1/2.8 inch
Sensor	SC3035	SC52392	SONY IMX335	SONY IMX335	SONY IMX415
ISP	NVP2477H	XM350	FH8538M	FH8556	FH8556
Signal Format	AHD/TVI/CVI/XVI/CVBS				
System	PAL / NTSC(Switch By UTC/OSD)				
Resolution	3.0MP	5.0MP	5.0MP	5.0MP	8.0MP
Pixels	3MP=2048×1536	5MP=2560×1920	5MP=2560×1920	5MP=2560×1920	8MP=3840×2160
Video Out	XVI/AHD/TVI/CVI @3MP	XVI@5MP; AHD/TVI/CVI@4MP;	CVI@4MP; AHD/TVI/XVI@5MP;	XVI/AHD/TVI/CVI @5MP	XVI/AHD/TVI/CVI @8MP
Minimum Illumination	Color:0.01Lux/F1.2	Color:0.01Lux/F1.2	Color:0.001Lux/F1.2	Color:0.001Lux/F1.2	Color:0.001Lux/F1.2
	B&W:0.001Lux/F1.2	B&W:0.001Lux/F1.2	B&W:0.001Lux/F1.2	B&W:0.001Lux/F1.2	B&W:0.001Lux/F1.2
LENS	3.6mm Fixed Lens				
LENS Resolution	3.0MP	5.0MP	5.0MP	5.0MP	8.0MP
LENS MOUNT	M12				
IR LED	5:15pcs/5:24pcs/5:36pcs/5:42pcs/5:72pcs or 2pcs/4pcs/6pcs Array IR LED				
IR Distance	Effective IR Distance: 10/20/30/40/70 Meters or 30/60/90 Meters				
OSD Cable	NO	Supported	Supported	Supported	Supported
UTC	UTC Coaxial Control Up to 500 Meters				
S/N Ratio	>58dB	>=58dB	>=58dB	>=58dB	>=58dB
Gamma R.	>=0.45				
Electronic Shutter	1/50(1/60) seconds to 1/50,000 seconds				
DNR	NO	NO	3D DNR	3D DNR	3D DNR
WDR	NO	NO	NO	Digital WDR	Digital WDR
Video Out	1.0Vp-p, 75Ω Composite, BNC x 1				
Power Input	DC12V±10%				
Temp.	Outdoor: -20℃ to +70℃				
Humidity	0 to 90% RH (non-condensing)				
Sync	2:1 interlace internal Sync.				
Language	11 Countries:Portuguese,English,Russian,French,etc				
Video Setting	Contrast / Sharpness / Saturation / Digital Noise Reduction / Video System / Digital Wide Dynamics				