

HD-TVI Camera Comparison Chart



Category	Flexible Intensifier®	Intensifier®	Intensifier®	Intensifier®	Intensifier®
Model	HTFD4T	HT7248TM	HT7246T / HT7250T	HTINT591T	CVC6246T / CVC6246TW
Product Image					
Environment	Outdoor	Outdoor	Outdoor	Outdoor	Indoor
IP Rating	IP67	IP67	IP67	IP67	-
Lens	2.8-12mm	2.8-10mm motorized	HT7246T: 2.8-12mm HT7250T: 5-50mm	3.6mm fixed	2.8-12mm
Image Sensor	1/3" CMOS, 2MP	1/3" CMOS, 2MP	1/3" CMOS, 2MP	1/3" CMOS, 2MP	1/3" CMOS, 2MP
Maximum Resolution	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Frame Rate	30fps	30fps	30fps	30fps	30fps
Minimum Illumination	F1.2, Color: 0.001 lux	F1.2, Color: 0.001 lux	F1.2, Color: 0.001 lux	F1.2, Color: 0.001 lux	0.001 lux
Compensation	WDR	WDR	WDR	WDR	WDR
UTC Protocol	Pelco-C	Pelco-C	Pelco-C	Pelco-C	Pelco-C
Day/Night	IR cut filter	-	-	-	-
IR Range (depending on scene reflection)	50 ft.	-	-	-	-
Number of IRs	2	-	-	-	-
Heaters	Yes	Yes	Yes	Yes	No
Alarm Connection	Yes	No	Yes	Yes	No
Analog Output	CVBS 960H output	CVBS 960H output	CVBS 960H output	CVBS 960H output	CVBS 960H output
Power Consumption	12VDC, 580mA / 24VAC, 218mA	12VDC, 500mA / 24VAC, 195mA	12VDC, 500mA / 24VAC, 195mA	12VDC, 500mA / 24VAC, 195mA	12VDC, 150mA / 24VAC, 195mA
Operating Temperature	-4°F - 140°F	-4°F - 140°F	-4°F - 140°F	-4°F - 140°F	-4°F - 140°F
Additional Features	Smart IR, Chameleon Cover™	Chameleon Cover™	Chameleon Cover™	Chameleon Cover™	Signal distance up to 1600ft.

HD-TVI Camera Comparison Chart



Category	Intensifier®	Flexible Intensifier®	Intensifier®	IR	IR
Model	HTINT601T	HTFB3T	HTINT70T / HTINT701T	HT5940T	HT5941T
Product Image					
Environment	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
IP Rating	IP67	IP67	IP67	IP67	IP67
Lens	3.6mm fixed	2.8-12mm	HTINT70T: 2.8-12mm HINT701T: 3.6mm fixed	2.8-12mm	3.6mm fixed
Image Sensor	1/3" CMOS, 2MP	1/3" CMOS, 2MP	1/3" CMOS, 2MP	1/3" CMOS, 2MP	1/3" CMOS, 2MP
Maximum Resolution	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Frame Rate	30fps	30fps	30fps	30fps	30fps
Minimum Illumination	F1.2, Color: 0.001 lux	F1.2, Color: 0.001 lux	F1.2, Color: 0.001 lux	F1.2, Color: 0.05 lux, BW: 0.001 lux	F1.2, Color: 0.05 lux, BW: 0.001 lux
Compensation	WDR	WDR	WDR	WDR	WDR
UTC Protocol	Pelco-C	Pelco-C	Pelco-C	Pelco-C	Pelco-C
Day/Night	-	IR cut filter	-	IR cut filter	IR cut filter
IR Range (depending on scene reflection)	-	98 ft.	-	66 ft.	66 ft.
Number of IRs	-	4	-	18	18
Heaters	Yes	Yes	Yes	Yes	Yes
Alarm Connection	Yes	Yes	Yes	No	No
Analog Output	CVBS 960H output	CVBS 960H output	CVBS 960H output	CVBS 960H output	CVBS 960H output
Power Consumption	12VDC, 500mA / 24VAC, 195mA	12VDC, 580mA / 24VAC, 218mA	12VDC, 500mA / 24VAC, 195mA	12VDC, 580mA / 24VAC, 218mA	12VDC, 500mA / 24VAC, 195mA
Operating Temperature	-4°F - 140°F	-4°F - 140°F	-4°F - 140°F	-4°F - 140°F	-4°F - 140°F
Additional Features	-	Smart IR	-	Smart IR, Chameleon Cover™	Smart IR, Chameleon Cover™

HD–TVI Camera Comparison Chart



Category	IR	IR	IR	IR
Model	VLD2TW	HT6041T	HT71TG / HT71TW	HT7040T
Product Image				
Environment	Outdoor	Outdoor	Outdoor	Outdoor
IP Rating	IP66	IP67	IP66	IP67
Lens	3.6mm fixed	3.6mm fixed	2.9mm fixed	2.8-12mm
Image Sensor	1/3" CMOS, 2MP	1/3" CMOS, 2MP	1/3" CMOS, 2MP	1/3" CMOS, 2MP
Maximum Resolution	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Frame Rate	30fps	30fps	30fps	30fps
Minimum Illumination	BW: 0 lux	F1.2, Color: 0.05 lux, BW: 0.001 lux	0.00 lux (IR LEDs on)	F1.2, Color: 0.05 lux, BW: 0.001 lux
Compensation	DNR	WDR	DNR	WDR
UTC Protocol	-	Pelco-C	Pelco-C	Pelco-C
Day/Night	IR cut filter	IR cut filter	Yes	IR cut filter
IR Range (depending on scene reflection)	32 ft.	80 ft.	35 ft.	98 ft.
Number of IRs	24	28	12	35
Heaters	No	Yes	No	Yes
Alarm Connection	No	No	No	No
Analog Output	CVBS 960H output	CVBS 960H output	CVBS 960H output	CVBS 960H output
Power Consumption	12VDC, 400mA	12VDC, 580mA / 24VAC, 218mA	100mA (IR off), 200mA (IR on)	12VDC, 720mA / 24VAC, 260mA
Operating Temperature	-4°F - 140°F	-4°F - 140°F	14°F - 120°F	-4°F - 140°F
Additional Features	-	Smart IR	-	Smart IR

HD–TVI Camera Comparison Chart



Category	IR	IR	LPR	PTZ
Model	HT7041T	VLB2TW	HLPR67T	HTPTZ20T
Product Image				
Environment	Outdoor	Outdoor	Outdoor	Outdoor
IP Rating	IP67	IP66	IP66	IP66
Lens	3.6mm fixed	3.6mm fixed	5-50mm motorized	4.7-94mm
Image Sensor	1/3" CMOS, 2MP	1/3" CMOS, 2MP	1/3" CMOS Sensor	1/2.8" CMOS Sensor
Maximum Resolution	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Frame Rate	30fps	30fps	30fps	30fps
Minimum Illumination	F1.2, Color: 0.05 lux, BW: 0.001 lux	BW: 0 lux	0 lux (IR LEDs on)	Color: 0.35 lux BW: 0.013 lux
Compensation	WDR	DNR	WDR	WDR
UTC Protocol	Pelco-C	-	Pelco-C	Pelco-C
Day/Night	IR cut filter	IR cut filter	Yes	Yes
IR Range (depending on scene reflection)	98 ft.	60 ft.	165 ft.	-
Number of IRs	35	28	15	-
Heaters	Yes	No	No	No
Alarm Connection	No	No	No	4 Input, 2 Output
Analog Output	CVBS 960H output	CVBS 960H output	CVBS 960H output	CVBS 960H output-
Power Consumption	12VDC, 720mA / 24VAC, 260mA	12VDC, 400mA	260mA (IR on: 560mA)	1A @ 12VDC, 24VAC
Operating Temperature	-4°F - 140°F	-4°F - 140°F	14°F - 120°F	14°F - 120°F
Additional Features	Smart IR	-	High-contrast imaging performance	20x optical zoom lens