



Models:
OPTEC12
OPTEC20
OPTEC30

Model	OPTEC12	OPTEC20	OPTEC30
	Performance		
Sensor	High performance 1/2.8" HD CMOS sensor		
Optical Zoom	12x	20x	30x
Digital Zoom	10x		
Focal Length	F=3.9~46.8mm	F=5.2~98mm	F=4.3~129mm
Viewing Angle	6.3°(tele) 72.5°(wide)	3.3°(tele) 54.7°(wide)	2.34°(tele) 65.1°(wide)
Aperture	F1.8 ~ F2.4	F1.6 ~ F3.5	F1.6 ~ F4.7
Minimum Illumination	0.5Lux (F1.8, AGC ON)		
Signal to Noise ratio	>55dB		
Pan Range	±170° (Movement Speed 0.1 -180°/sec)		
Tilt Range	-30° ~ +90° (Movement Speed 0.1-80°/sec)		
Preset Recall Speed:	Pan: 60°/sec, Tilt: 30°/sec		
	Camera Features		
White Balance	Auto/ Manual/ One Push/ 3000K/ 4000K/ 5000K/ 6500K		
WDR	OFF/ Dynamic level adjustment		
Image Adjustment	Brightness, Color, Saturation, Contrast, Sharpness, B/W mode, Gamma		
Optics Control	Auto Focus, Auto Aperture, Auto Electronic Shutter, BLC		
Programmable Presets	255 (only 10 via remote control)		
Configuration	On Screen Menu / Advanced http control interface		
	Control & Connectivity		
Video Out	3G-SDI / HDMI		
Control Connections	(1x) RJ45 LAN Port (PoE), (1x) RS232 (In & Out), (1x) RS485 on Phoenix Connector		
Audio input	3.5mm Jack		
Supported Control Protocols	VISCA, VISCA over IP, PELCO-D, PELCO-P		
Supported Network Protocols	RTMP, RTSP, ONVIF		
SDI/HDMI Supported Video Formats	1080P60/50/30/25/59.94/29.97;1080I60/50/59.94;720P60/50/30/25/59.94/29.97		
	Electrical & Physical		
Power Supply	Either external PSU, or POE		
Input Voltage	DC12V±10%		
Current Draw	1a (max)		
Power Consumption	12w (max)		
Temperature Tolerance	Working Temperature: -10~+50°C, Store Temperature: -10~+60°C		
Humidity Tolerance	Working Humidity: 20~80% RH, Store Humidity: 20~95% RH		
Colour	White / Black		
Dimensions	150×150×167.5mm		
Weight	1.4kg		
Included Accessories	Power Supply, Remote Control,		
Optional	Wall Mount Bracket / NDI		