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Linktree

HD WIRED PoE IP CAMERAS

CHIPCAM9 / CHIPCAM10

Data Sheet

5MP HD IP VARIFOCAL DOME CAMERAS



CHIPCAM9



CHIPCAM10

FEATURES

- IR night vision
- Power over Ethernet [PoE]
- ONVIF compliant
- 2.7-13.5mm varifocal lens
- 12V DC power port
- 3 year warranty

3 YEAR WARRANTY

CHALLENGER
SECURITY PRODUCTS

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Data Sheet

	PART CODE	CHIPCAM9	CHIPCAM10
	Camera Casing Colour	White	Black
Camera Specs			
Video	Imaging Device	1/2.7"	1/2.7"
	Effective Pixels	5MP 2592(H)×1944(V)	5MP 2592(H)×1944(V)
	Scanning System	Progressive CMOS	Progressive CMOS
	Min. Illumination	Color 0.003lux @ F1.6(AGC ON); B/W 0 lux @ IR ON	Color 0.003lux @ F1.6(AGC ON); B/W 0 lux @ IR ON
Lens Type	Focal Length (Zoom Ratio)	2.7-13.5mm	2.7-13.5mm
	Max. Aperture Ratio	F No. 1.8 (W) ~ 3.3(T)	F No. 1.8 (W) ~ 3.3(T)
	Angular Field of View	Horizontal: 31 ~102°, Vertical: 23 ~ 73°, Diagonal: 38 ~ 138°	Horizontal: 31 ~102°, Vertical: 23 ~ 73°, Diagonal: 38 ~ 138°
	Min. Object Distance	0.3m~INF	0.3m~INF
	Lens Type	Motorized(Ø14)	Motorized(Ø14)
Operational	IR Viewable Length	Up to 45m	Up to 45m
	Camera Title	On/Off	On/Off
	Day & Night	IR cut filter with auto switch(Day/Night/Auto/Image/Schedule)	IR cut filter with auto switch(Day/Night/Auto/Image/Schedule)
	Backlight Compensation	Off/On (5 Zone)	Off/On (5 Zone)
	Wide Dynamic Range	WDR	WDR
	Digital Noise Reduction	3D DNR	3D DNR
	Motion Detection	Off/On (8 Level)	Off/On (8 Level)
	Privacy Masking	Off/On (4 Zone, Rectangle)	Off/On (4 Zone, Rectangle)
	Gain Control	Auto	Auto
	White Balance	Auto/Manual	Auto/Manual
	Electronic Shutter Speed	1/5 ~ 1/20000s	1/5 ~ 1/20000s
	On-Board Storage	Micro SD slot, up to 256GB	Micro SD slot, up to 256GB
	Alarm	1 input, 1 output	1 input, 1 output
	Audio	1 input (RCA), 1 output (RCA)	1 input (RCA), 1 output (RCA)
	Hardware Reset	Yes	Yes
	Smart Feature	"Face Recognition(FR) Human&Vehicle Detection(PD&VD) Perimeter Intrusion Detection(PID) Line Crossing Detection(LCD) Cross Counting(CC) Stationary Object Detection(SOD) Heat Map(HM) Crowd Density Detection(CD) Queue Length Detection(QD) license Plate Detection(LPD) Rare Sound Detection(RSD)"	"Face Recognition(FR) Human&Vehicle Detection(PD&VD) Perimeter Intrusion Detection(PID) Line Crossing Detection(LCD) Cross Counting(CC) Stationary Object Detection(SOD) Heat Map(HM) Crowd Density Detection(CD) Queue Length Detection(QD) license Plate Detection(LPD) Rare Sound Detection(RSD)"

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	PART CODE	CHIPCAM9	CHIPCAM10
Network	Ethernet	RJ45(10/100BASE-T)	RJ45(10/100BASE-T)
	Video Compression Format	H.265/H.264	H.265/H.264
	Resolution	"Main Stream @30fps 5MP(2592x1944), 4MP(2592x1520), 3MP(2304x1296), 1080P(1920x1080), 960P(1280*960) Sub Stream @30fps 1080P(1920x1080) 720P(1280x720),VGA(640x480) Mobile Stream @30fps VGA(640x480), QVGA(320x240)"	"Main Stream @30fps 5MP(2592x1944), 4MP(2592x1520), 3MP(2304x1296), 1080P(1920x1080), 960P(1280*960) Sub Stream @30fps 1080P(1920x1080) 720P(1280x720),VGA(640x480) Mobile Stream @30fps VGA(640x480), QVGA(320x240)"
	Video Quality Ajustment	256Kbps ~ 8Mbps	256Kbps ~ 8Mbps
	Bitrate control method	CBR/VBR	CBR/VBR
	Streaming Capability	Triple-Stream(Main/Sub/Moile)	Triple-Stream(Main/Sub/Moile)
	Protocol	"TCP/IP,HTTP,DHCP,DNS,DDNS,RTP/RTSP, SMTP,NTP,UPnP,SNMP,HTTPS,FTP"	"TCP/IP,HTTP,DHCP,DNS,DDNS,RTP/RTSP, SMTP,NTP,UPnP,SNMP,HTTPS,FTP"
	Web browser	"IE10/11 Safari V12.1 above Firefox V.52 above Google chrome V.57 above Edge V.79 above"	"IE10/11 Safari V12.1 above Firefox V.52 above Google chrome V.57 above Edge V.79 above"
	Security	IP address filter;complicated password;Authenticated username and password	IP address filter;complicated password;Authenticated username and password
	Streaming Method	Unicast/Multicast	Unicast/Multicast
	Application Programming Interface	ONVIF(Profile S/G/T)	ONVIF(Profile S/G/T)
Environmental	Operating Conditions	-35+60°C/less than ≤ 90% RH	-35+60°C/less than ≤ 90% RH
	Ingress Protection	IP67	IP67
Electrical	Input Voltage / Current	D12V/POE(IEEE802.3af)	D12V/POE(IEEE802.3af)
	Power Consumption(IR OFF)	3.5W-4.5W	3.5W-4.5W
	Power Consumption(IR ON)	7.5W-9.5W	7.5W-9.5W
Mechanical	Material	Metal	Metal
	Dimensions (HxWxD)	135.56*135.56*127mm	135.56*135.56*127mm
	Weight	846g	846g