



CCTV KITS

CHANCKIT1 / CHANCKIT2

4 CHANNEL 2MP ANALOGUE HD WHITE DOME KITS



Features

- 2 Megapixel AHD dome cameras
- 2.8mm lens cameras
- Smartphone monitoring
- Hybrid technology allows Analogue or IP cameras
- 1TB Surveillance grade HDD
- 4ch HD DVR / NVR recording

Kit Contents

- 2 or 4x HD wired day / night dome cameras
- 4 channel DVR / NVR recorder
- 1TB Hard Drive
- 2 or 4x 18m plug-and-play cable leads
- Computer mouse
- Power supplies



Linktree*

CHALLENGER SECURITY PRODUCTS



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PART CODE	CHANCKIT1	CHANCKIT2
No. of Cameras	2x White Domes	4x White Bullets
Camera Specs		
Video		
Imaging Device	SC2336 1/3" Progressive CMOS	SC2336 1/3" Progressive CMOS
Scanning System	progressive scanning	progressive scanning
Min. Illumination	Color 0.08lux @ F2.0(AGC ON) ; B/W 0 lux @ IR ON	Color 0.08lux @ F2.0(AGC ON) ; B/W 0 lux @ IR ON
Video Output	BNC	BNC
Resolution	2MP 1920 (H) × 1080 (V)	2MP 1920 (H) × 1080 (V)
Max. Framerate	AHD/TVI/CVI: P/@25fps N/@30fps CVBS: 960H	AHD/TVI/CVI: P/@25fps N/@30fps CVBS: 960H
Focal Length (Zoom Ratio)	2.8MM	2.8MM
Max. Aperture Ratio	F2.0	F2.0
Angular Field of View	H:88.24° / V:48.71° / D:104.37°	H:88.24° / V:48.71° / D:104.37°
Min. Object Distance	0.8m	0.8m
Lens Type	Fixed lens	Fixed lens
Operational		
IR Distance	20M	20M
Day & Night	Ext / Color / B/W	Ext / Color / B/W
Backlight Compensation	Off / User BLC	Off / User BLC
Wide Dynamic Range	D-WDR (Off/On)	D-WDR (Off/On)
Digital Noise Reduction	2D DNR	2D DNR
Gain Control	Auto	Auto
White Balance	ATW	ATW
Electronic Shutter Speed	Auto	Auto
Reverse	Mirror	Mirror
Remote control interface	ACP (AHD Coax Protocol)	ACP (AHD Coax Protocol)
Video Transmission Distance	MAX 300M (Cable : 5C 2V)	MAX 300M (Cable : 5C 2V)
Environmental		
Operating Temperature / Humidity	-30°C ~ 55°C / 90%	-30°C ~ 55°C / 90%
Ingress Protection	IP66	IP66



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PART CODE	CHANCKIT1	CHANCKIT2
Electrical		
Input Voltage/Current	12V DC	12V DC
Power Consumption	IR OFF ≤0.5W,IR ON ≤3.5W	IR OFF ≤0.5W,IR ON ≤3.5W
Mechanical		
Color / Material	Metal	Metal
Dimension (WxHxD)	100*100*90mm	100*100*90mm
Weight	410g	410g
Laws and Regulations		
Safety	CE LVD	CE LVD
EMC	CE EMC,FCC	CE EMC,FCC
ROHS	RoHS2.0	RoHS2.0
Recorder Specs		
Recording Bandwidth		
Inputs	8Mbps ~24Mbps Decrease one Analog channel can increase 4Mbps Analog channel and digital channel can be converted	8Mbps ~24Mbps Decrease one Analog channel can increase 4Mbps Analog channel and digital channel can be converted
Out	48Mbps	48Mbps
Analog video-input	4CH inputs	4CH inputs
Live		
IP Video Input	2ch,(only IP up to 6ch)	2ch,(only IP up to 6ch)
Composite Video Input	up to 6 ch (Analog video + IP video)	up to 6 ch (Analog video + IP video)
Recording and Playback		
Compression	Audio: G.711a Video : H.264/H.265	Audio: G.711a Video : H.264/H.265
Display resolution	Analog : 5MP-Lite:20fps 4MP-Lite:30fps 1080P/720P/960H:30fps IP : 5MP/4MP/1080P/720P	Analog : 5MP-Lite:20fps 4MP-Lite:30fps 1080P/720P/960H:30fps IP : 5MP/4MP/1080P/720P
Speed	Main-stream Analog : 5MP-Lite:20fps (each ch) 4MP-Lite:30fps(each ch) 1080P/720P:PAL:25fps(each ch)/NTSC:30fps(each ch) IP : PAL:25fps(each ch)/NTSC: 30fps(each ch) Sub-stream Max PAL : 704*576:10fps(each ch)	Main-stream Analog : 5MP-Lite:20fps (each ch) 4MP-Lite:30fps(each ch) 1080P/720P:PAL:25fps(each ch)/NTSC:30fps(each ch) IP : PAL:25fps(each ch)/NTSC: 30fps(each ch) Sub-stream Max PAL : 704*576:10fps(each ch)



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Event	PID - Perimeter Intrusion Detection LCD - Line Crossing Detection PD&VD - Human&Vehicle Detection	PID - Perimeter Intrusion Detection LCD - Line Crossing Detection PD&VD - Human&Vehicle Detection
	MD(Sensitivity Level 1~8)	MD(Sensitivity Level 1~8)
	Video loss	Video loss
	Beep, Email, Push notification to Mobile APP	Beep, Email, Push notification to Mobile APP
Playback function	Fast forward / backward (2x, 4x, 8x, 16x)	Fast forward / backward (2x, 4x, 8x, 16x)
	Slow forward (1/2x, 1/4x, 1/8x, 1/16x)	Slow forward (1/2x, 1/4x, 1/8x, 1/16x)
Playback	5MP-lite:80fps (Max 4CH playback) 4MP-lite: 120fps (Max 4CH playback) 1080P: 120fps(Max 4CH playback) 720P:120fps(Max 4CH playback)	5MP-lite:80fps (Max 4CH playback) 4MP-lite: 120fps (Max 4CH playback) 1080P: 120fps(Max 4CH playback) 720P:120fps(Max 4CH playback)
UI/Monitoring		
Local	UI5.0	UI5.0
WEB	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
Mobile viewer	Rxcamview	Rxcamview
Push Notification	Yes	Yes
P/W Reset	Factory Reset : Press 10 seconds	Factory Reset : Press 10 seconds
Monitors		
BNC	1 (704*576)	1 (704*576)
VGA	1(1024*768, 1280*720, 1280*1024, 1440*900, 1920*1080)	1(1024*768, 1280*720, 1280*1024, 1440*900, 1920*1080)
HDMI	1(1024*768,1280*720,1280*1024,1440*900,1920*1080,2560* 1440(2K),3840*2160(4K))	1(1024*768,1280*720,1280*1024,1440*900,1920*1080, 2560*1440(2K),3840*2160(4K))
Ethernet	1 RJ45 10/100Base-T	1 RJ45 10/100Base-T
USB	USB2.0*1(front) USB2.0*1(rear)	USB2.0*1(front) USB2.0*1(rear)
Audio	4 in / 1 out	4 in / 1 out
HDD	2 SATA HDD, Up to 10 TB capacity for each disk	2 SATA HDD, Up to 10 TB capacity for each disk
RS485	1	1
Alarm Input/out	4 in /1 out	4 in /1 out



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OSD Language	English/French/Spanish/Portuguese/German/Italian/Greek/Danish/Finnish/Russia/Hebrew/Turkish/Bulgarian/Arabic/Korean/Japanese/Thai/Hindi/Romanian/Dutch/Polish	English/French/Spanish/Portuguese/German/Italian/Greek/Danish/Finnish/Russia/Hebrew/Turkish/Bulgarian/Arabic/Korean/Japanese/Thai/Hindi/Romanian/Dutch/Polish
Mechanical design		
Dimension (WxDxH)	300*220*53mm	300*220*53mm
Electrical		
Input Voltage/Current	DC12V/2A	DC12V/2A
Power consumption (excluding hard disk)	3.6W	3.6W
Environmental		
Operating Temperature /Humidity	Temperature : -10°C~+50°C (14°F ~ 122°F) Humidity : Less than 90%RH	Temperature : -10°C~+50°C (14°F ~ 122°F) Humidity : Less than 90%RH