

## 4-IN-1 (4K) 8MP Motorized Varifocal Turret with Dragonfire IR - AHD / TVI / CVI / 960H



### KEY FEATURES

- 8MP (4K) 1/2.7" CMOS
- Night Vision 115 (feet)
- 2.7-13.5mm Mechanical Lens
- White Alluminum Alloy Housing
- Digital - WDR
- (4K) 3840 (H) × 2160(V) / White Light

Cortex's new high-performance HYBRID 4 in 1 cameras offer exceptional quality and sharp images. The cameras provide users with 8MP (4K) AHD / TVI / HD-ANALOG / 960H output or (OSD selectable) on standard BNC Coax. or via coax from compatible DVRs.



Cortex Web View 24 / 7



### SPECIFICATIONS

VIDEO*	
Imaging Device	SC5235 1/2.8" Progressive CMOS
Total Pixels	8MP (4K) 3872 (H) × 2180 (V)
Scanning System	Progressive CMOS
Min. Illumination	Color 0.06lux @ F1.6(AGC ON) ; B/W 0 lux @ IR ON
Video Output	BNC
Resolution	8MP (4K) 3840(H)×2160(V)
Max. Framerate	AHD/TVI/CVI: 8MP@15fps;TVI/ CVI:8MP@12.5fps;CVBS: 960H
Focal Length (Zoom Ratio)	2.7-13.5mm
Max. Aperture Ratio	F1.86 (W) ~ F3.32(T)
Angular Field of View	(W)D120°×H90.8°×V65.7°~(T)38°×30.4°×22.7°
Min. Object Distance	0.8m~INF(W), 1m~INF(T)
Lens Type	Motorized lens
OPERATIONAL*	
IR Viewable distance	Up to 114.8 feet (35m)
On Screen Display	English
Day & Night	Ext / Color / B/W
Backlight Compensation	Off / User BLC
Wide Dynamic Range	'WDR (Off/On) 120db
Digital Noise Reduction	2D DNR
Gain Control	Auto
White Balance	ATW

Electronic Shutter Speed	Auto
Reverse	Mirror
Remote control interface	ACP (AHD Coax Protocol)
Video Transmission Distance	MAX 300M ( Cable : 5C 2V)
ENVIRONMENTAL	
Material / Ingress Protection	Metal Housing / IP66 Waterproof
Operating Conditions	Temp: -30~+55°C/ (-22~+140°F) Humidity: less than ≤ 90% RH
ELECTRICAL*	
Input Voltage / Current	12V DC
Power Consumption	IR OFF ≤2W,IR ON ≤6.5W
MECHANICAL*	
Dimension (W x H x D)	135 x 135 x 120 mm 5.31 x 5.31x 4.72 inches
Weight	Approximately 846g ( 1.86 lbs)
Safety	CE LVD
EMC	CE EMC,FCC
ROHS	RoHS2.0