COR-H5TRFG

CORTEX

4-IN-1 5MP COLORMAX TURRET / AHD / TVI / CVI / 960H BLACK

MDS
MEDALLION SERIES

KEY FEATURES

- 5MP - 2608 (H) x 1960 (V)
- Dual Lighting - ColorMAX and IR
- 2.8mm Fixed Wide Angle Lens
- Compact Design
- Audio Over Coax
- True Day / Night Mechanical IR Cut Filter

Cortex’s new high-performance HYBRID 4 in 1 cameras offer exceptional quality and sharp images. State of the art ColorMAX technology provides amazing nighttime shots in full color. This camera provides users with 5MP AHD / TVI / CVI / 960H output or (OSD selectable).

Cortex IQ

SPECIFICATIONS

VIDEO*	
Imaging Device	1/2.7” Progressive CMOS
Effective Pixels	5MP 2608 (H) ×1960 (V)
Scanning System	Progressive CMOS
Minimum Illumination	Color 0.04 lux @ F1.0 (AGC ON) B/W 0 lux @ IR ON
Video Output	BNC
Resolution	2592 (H) ×1944 (V)
Maximum Framerate	5AHD/5TVI: 5MP@20fps 4AHD/4CVI/4TVI:P@25fps N@30fps 2AHD/2CVI/2TVI:P@25fps N@30fps CVBS: 960H
Focal Length (Zoom Ratio)	2.8mm wide angle
Max. Aperture Ratio	F1.0
Angular Field of View	H: 111.4° / V: 58.8° / D: 134°
Min. Object Distance	1m
Lens Type	Fixed Wide Angle
OPERATIONAL*	
Audio	Audio over coaxial
Audio Range	Up to 23 feet (7m)
IR Viewable distance	Up to 98 feet (30m)
Warm light Viewable Length	Up to 65 feet (20m)
On Screen Display	English
Day & Night	Ext / Color / B/W

Backlight Compensation	Off / User BLC
Wide Dynamic Range	N/A
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
Operating Conditions	Temp: -30~+55°C/ (-22~+140°F) Humidity: less than ≤ 90% RH
ELECTRICAL*	
Input Voltage / Current	12VDC
Power Consumption	IR Off ≤ 1W / IR On ≤ 4W
MECHANICAL*	
Dimension (W x H x D)	100 x 100 x 90.9mm (3.9 x 3.9 x 3.54 inches)
Weight	Approximately 415g (.96 lbs)
Safety	CE LVD
EMC	CE EMC, FCC
ROHS	RoHS2.0

COR-H5TRFG

©2025 Cortex®
As our product is subject to continuous improvement, Cortex & subsidiaries reserve the right to modify product design, specifications & prices without notice and without incurring any obligation. E&OE.
Distributed by www.cortexcctv.com 02-07162025