



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).



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-H5TRF

