



## KEY FEATURES

- 2MP 1/2.9" Progressive CMOS
- Night Vision IR 147 feet
- 2.8-12mm varifocal mp rated lens
- True Day / Night Mechanical IR Cut Filter
- OSD Menu over UTC
- Dip switch signal selector
- 2MP 1920(H) × 1080(V)

Cortex's new series of high-performance HYBRID 4 in 1 cameras offer exceptional quality and sharp images. The cameras provide users with 2MP AHD / TVI output. The built-in infrared array provides exceptionally even and consistent long-distance viewing in darkness. The varifocal lens can be adjusted quickly after mounting.

## SPECIFICATIONS

|                          |  |
|--------------------------|--|
| Camera Chipset           | DSP with OSD                                   |
| Image Sensor             | 1/2.9" Progressive CMOS                        |
| Resolution               | 2MP 1920(H)×1080(V)                            |
| Minimum Illumination     | 0.05 lux @ F1.2(AGC ON), 0Lux with IR ON       |
| Signal System            | NTSC   |
| Frame Rate               | AHD / TVI / CVI:<br>NTSC @ 30fps<br>CVBS: 960H |
| Shutter Time             | 1/15 s to 1/50,000 s                           |
| True Day & Night         | Mechanical IR cut filter                       |
| Synchronization          | Internal synchronization                       |
| IR Cut Filter            | Yes 850nm                                      |
| DWDR                     | Yes  |
| Horizontal Field of View | H.FOV:104.2°(W)—28.78°(T)<br>(T) (2.8-12)      |
| IR LED Quantity          | 40 SMD IR                                      |
| Night Vision (m) (feet)  | 45m 147 feet                                   |
| Lens (mm)                | 2.8-12mm                                       |
| INTERFACE *              |  |
| Video Output Termination | 1-channel BNC video output                     |
| Switch Button            | AHD / TVI / CVI / CVBS                         |



|                       |   |
|-----------------------|---|
| MENU *                |   |
| AGC Adjustment        | Yes   |
| Day / Night Mode      | EXT / Auto /Color / BW<br>(Black and White) |
| White Balance         | Auto/Manual                                 |
| BLC                   | Yes   |
| S/N Ratio             | 40dB  |
| OSD                   | Support                                     |
| GENERAL *             |   |
| IP Rating             | IP66 Outdoor                                |
| Power Supply          | 12V   |
| Power Consumption     | MAX 3W                                      |
| Gain Control          | Yes   |
| Communication         | Up the coax, Protocol                       |
| Storage Temperature   | -30~+60°C (-22~+140°F)                      |
| Operating Temperature | -30~+55°C (-22~+131°F)                      |
| Dimensions            | 128.x 135mm<br>(5 x 5.29 inches)            |
| Weight                | Approximately 1.04 lbs (474g )              |