



FEATURES

- 5Megapixel resolution for high-quality imaging.
- TVI, AHD, CVI, and CVBS.
- Supports IR-cut filter with auto-switch (ICR) and supports IR-cut filter with auto-switch.
- LightHunter monitors with a sensitive sensor.
- 3D noise reduction technology delivers clean and sharp images Supports 180° horizontal flip, 180° vertical flip
- OSD configuration menu, easy to operate
- IP67 waterproof and dust proof design, high reliability
- OSD configuration menu in 11 languages
- Built-in microphone for high-quality audio transmission via coaxial cables Supports digital defog
- 3-Axis

The Prime TIU-RS2042-AW28 is compact, measuring only 4.3701 inches (11.1 cm) x 3.8583 inches (9.8 cm). This makes it easy to install in various locations, providing maximum coverage and protection. It also features a 3-axis bracket, allowing for easy adjustment and positioning for optimal viewing angles. Whether used in commercial or residential settings, this camera is a reliable and efficient solution for all your surveillance needs.

Equipped with a 2.8 mm fixed lens, this camera boasts a 5Megapixel resolution, delivering ultra-sharp and detailed images. With a minimum illumination of 0.005 Lux (F1.6) without IR, this camera can capture clear footage even in low-light environments. Starlight technology makes the camera more sensitive to light, which makes the images brighter and more detailed.

SPECIFICATIONS

Sensor	
Pixel	5Megapixel
Size	1/2.9"
Minimum illumination	0.005 lux (F1.6, AGC ON) 0 lux (IR ON)
Lens	
Lens	2.8mm
Lens mount	M12
Angle of view	H: 101.5° V: 56.9° D: 117.4°
Illuminator	
Illuminator	Two IR illuminators
Illumination distance	40m
Lifetime	≥60,000 hours
Video	
Resolution	1080P: 1920(H) × 1080(V) 720P: 1280(H) × 720(V)
Frame rate	TVI: NTSC: 1080P@30fps(default), 720P@30fps PAL: 1080P@25fps, 720P@25fps AHD: NTSC: 1080P@30fps, 720P@30fps PAL: 1080P@25fps, 720P@25fps CVI: NTSC: 1080P@30fps, 720P@30fps PAL: 1080P@25fps, 720P@25fps CVBS: NTSC 960*480 PAL 960*576
Shutter time	NTSC: 1/30s-1/50000s PAL: 1/25s-1/50000s
Image	
Exposure mode	Four modes: Global (default), BLC, HLC, DWDR
Day/Night	Three modes: Auto (default), Day, Night
Digital noise reduction	2D/3D
White balance	Two modes: Auto (default), Manual
WDR	DWDR
Smart IR	Support

Flip	Supports 180° horizontal flip, 180° vertical flip
Defog	Digital Defog
Audio	
Microphone	Built-in Microphone
Camera audio	TVI: 1080P@30fps, 1080P@25fps CVI: 1080P@30fps, 1080P@25fps
Interface	
Power	5.5mm power interface
Video output	BNC, supports TVI/AHD/CVI/CVBS
Operating environment	
Temperature	-30°C to 60°C (-22°F to 140°F)
Humidity	≤95% (RH, non-condensing)
Surge protection	4kV
Ingress protection	IP67
General	
Power	DC 12V (±25%), with reverse polarity protection, Max 3.2W
Mount	Surface mount (default), optional backbox, wall mount bracket
Dimensions	Φ111mm*98mm (diameter*height)
Material	Metal
Weight	334g (0.74lb)
Certification	CE, FCC

Dimensions

