



MISSION CATALOG · CB-000017

AGT-BTVC6105-1930 DISTANCE HIGH SPEED THERMAL IMAGING CAMERA FOR RADAR LINKED SURVEILLANCE SYSTEM

The AGT-BTVC6105-1930 is a long-range, high-speed thermal/visible dual-spectrum PTZ camera for radar-linked surveillance, delivering 24-h...

Model AGT-BTVC6105-1930

KEY BENEFITS

- Long range 24-hours monitoring
- Delicate and smooth images
- Convenient for installation and application
- 360 degree omni-directional pan-tilt
- Super-strong aluminum alloy with IP66
- Higher sensitivity

Quoted & supported by Circuitbull® (Vells Global Inc)

• Effective in all environments

- Small size and low weight

DESCRIPTION

The AGT-BTVC6105-1930 combines a 5th-generation VOx uncooled thermal detector with a 2 MP starlight visible camera in a rugged, integrated PTZ housing. It provides long-range detection and recognition for vehicles and humans around the clock, with intelligent video analytics including intrusion detection, target tracking, and shot-point/fire detection. The system features a 30× optical zoom visible channel, 50 mm thermal lens, precision PTZ control down to $\pm 0.1^\circ$, and 255 presets with multiple cruising patterns. Its aluminum alloy enclosure is sealed to IP66, supporting reliable operation from -25°C to +60°C (-40°C optional) for border, coastal, transportation, and critical infrastructure surveillance.

OVERVIEW

- VOx uncooled detector 640×512
- NETD less than 50 mK (@25°C F1.0)
- SDE digital image processing, AGC, 2X digital amplification
- 10 pseudo color and B/W, B/W inverse
- Intelligent functions: cross-border/intrusion detection and target tracking
- 255 level alarm threshold can be set up
- Advanced algorithm supports shot-point/fire detection and alert
- One integral aluminum alloy housing, waterproof, IP66 weatherproof, anti-dust

APPLICATIONS

- Seaport and airport monitoring
- Water system monitoring
- Storage monitoring
- Oilfield and oil depot security
- Ecological and environmental monitoring
- Border and coastal defense
- Highways and railways monitoring

TECHNICAL SPECIFICATION

ENVIRONMENT	
Protection Level	IP66
POWER	
Total Consumption	50W
Power Supply	AC/DC24V, anti-reverse connection protection
Weight	≤8.5 kg (include PTZ)

COMMERCIAL TECHNICAL DATA

DATASHEET · EN

DOCUMENT CONTROL SHEET

ISSUING AUTHORITY

ORGANIZATION	Volls Global Inc
REGISTERED OFFICE	1207 Delaware Ave #5352
LOCALITY	Wilmington, DE 19806
COUNTRY	United States
POINT OF CONTACT	info@circuitbull.com
BRAND	Circuitbull®
PARENT ORGANIZATION	Volls Global · volls.us

MATRIX CODES · SCAN TO OPEN

01	02	03	04
			
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