



MISSION CATALOG · CB-000010

AGT-CTC63030 OUTDOOR COOLED THERMAL IMAGING CAMERA FOR BORDER

The AGT-CTC63030 is a cooled MWIR thermal imaging camera for long-range outdoor surveillance, featuring a 640×512 FPA MCT detector, 30–30...

Model AGT-CTC63030

KEY BENEFITS

- 20mK NETD ensures premium thermal image quality
- Unique AS+DOE continuous optical zoom and 3CAM high-precision mechanical engineering
- Superb inhomogeneous correction ensures crisp thermal image
- SDE image enhancement
- Aluminum alloy enclosure, IP66 rated

DESCRIPTION

The AGT-CTC63030 is a long-range outdoor cooled thermal imaging camera engineered for continuous 24-hour monitoring in border, coastal, and critical infrastructure applications. It employs a 640×512 FPA MCT detector cooled by a Stirling cryocooler, delivering 20mK thermal sensitivity across the 3.7–4.8μm MWIR spectral band. The integrated 30–300mm continuous zoom lens with motorized focus, 3CAM high-precision optomechanical design, and SDE image enhancement provide stable, crisp imagery for target detection and identification. Housed in a sealed aluminum alloy enclosure rated to IP66, the camera operates reliably from -40°C to +60°C and supports RS485/RS232 PELCO-D control, OSD menu, and PAL/NTSC video output via waterproof aviation connectors. Its compact, low-weight form factor and omni-directional pan-tilt compatibility simplify installation on fixed or mobile platforms.

OVERVIEW

- Long range 24-hours monitoring
- Delicate and smooth images
- Convenient for installation and application
- 360-degree omni-directional Pan-Tilt compatible
- Super-strong aluminum alloy with IP66
- Higher sensitivity
- Effective in all environments
- Small size and low weight

APPLICATIONS

- Seaport and airport monitoring
- Water system monitoring
- Storage monitoring
- Base security monitoring
- Oilfield and oil depot security
- Fire source prevention and monitoring
- Ecological and environmental monitoring
- Border and coastal defense
- Urban security and anti-UAV applications
- Highways and railways monitoring

TECHNICAL SPECIFICATION

ENVIRONMENT	
Storage temperature	-45°C~+70°C
Ingress protection	IP66
POWER	
Power consumption	23W (normal), 30W (peak)
Power supply	DC24V
INTERFACE	
Control interface	RS485/RS232 (PELCO D, baud rate: 2400bps/s)
Video output	PAL/NTSC

COMMERCIAL TECHNICAL DATA

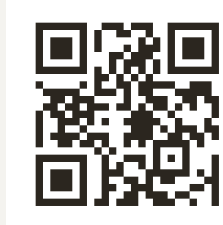
DATASHEET · EN

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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