



## GT-CBO5000-PH

The Garantir Box Network Camera offers real-time 5-megapixels video streaming and recording with exceptional low-light performance, ensuring clear day and night visibility. The camera's frame rate and bit rate can be adjusted to match network bandwidth and application needs. Comes with a robust IP66 & IP67 rated weatherproof enclosure, the Garantir 5MP Box Network Camera is designed for durability and reliable performance in various environments.

- Smart Motion Detection
- Support Triple Streaming
- Supports Motorized varifocal lens for easy installation and monitoring
- Triple Streaming of H.264, H.265, Smart H.265 & MJPEG
- Support 3D Digital Noise Reduction
- Water and dust resistant housing (IP66/ IP67) and vandal resistant (IK10)

5MP BOX CAMERA	
Parameters	Specifications
<b>Camera</b>	
Image Sensor	1/2.8" CMOS
Digital Zoom	16x
Scanning System	Progressive Scan
Operating System	Embedded Linux
Signal System	PAL/NTSC
SNR	≥55 dB
IR Support (Day & Night)	Auto Sense and Switch on (IR Cut Filter with Auto Switch)
Min. Illumination	Color: 0.001 lux @ F1.6, B/W: 0 lux with IR
Lens Type	Manual Varifocal (C/CS Mount)
Focal Length	2.8 to 10.0 mm/ 5.0 to 50.0 mm etc. options
Focus	Manual, Auto Back Focus & Remote Focus
Aperture Range	F1.6
Iris	DC Iris
Shutter Time	1s to 1/100,000s
Gain Control	Auto & Manual
Digital Noise Reduction	2D/3D DNR
Defog	Smart Defog
Wide Dynamic Range (WDR)	120 dB

<b>Video &amp; Audio</b>	
Max. Resolution	2592×1944
Video Compression	Smart H.265, H.265, H.264, MJPEG
Primary Stream	60 Hz: 30 fps (2592×1944, 2592×1520) 50 Hz: 25 fps (2592×1944, 2592×1520) 60 Hz: 60 fps (1920×1080, 1280×720) 50 Hz: 50 fps (1920×1080, 1280×720)
Secondary Stream	60 Hz: 60 fps (1920×1080, 1280×720, 704×480) 50 Hz: 50 fps (1920×1080, 1280×720, 704×576)
Tertiary Stream	60 Hz: 30 fps (640×480, 352×240) 50 Hz: 25 fps (640×480, 352×288)
Stream Settings	Resolution, Frame Rate (Up to 60fps), i-Frame, SVC, Electronic Image Stabilization, Video Compression
Video Bit Rate	100 kbps to 12 Mbps
Bit Rate Control	Constant Bit Rate (CBR), Variable Bit Rate (VBR)
Image Settings	Rotate/Mirror Mode, Privacy Mask, Saturation, Brightness, Contrast, Sharpness, Hue, Gain, Exposure, HLC, BLC, Day & Night
White Balance	Manual, Auto, Day/Night, Tungsten
Corridor Mode	Selectable
OSD	Total 8 Regions, Image/ Title/ Week/ Date/ Time/ Text (option of different colours & sizes)
ROI	Up to 8 regions
Privacy Mask	Up to 4 regions
Audio Compression	G.711A, G.711U, RAW_PCM
Audio Bit Rate	8 kbps to 64 kbps
<b>Network &amp; Interface</b>	
Protocols	IPv4, IPv6, TCP, UDP, HTTP, HTTPS, ICMP, ARP, DHCP, DNS, DDNS, FTP, RTP, RTSP, RTCP, NTP, SMTP, PPPoE, UPnP, IGMP, QoS, SNMP, 802.1X, SSL/TLS1.2, Telnet, Unicast, Multicast
Security	IP filtering, User Authentication (Multiple user privileges), HTTPS Authentication, Digest Authentication, 802.1x authentication (EAP-MD5), User Access Log
Integration	ONVIF (S, G & T), SDK/API/CGI
Network	1, RJ45 10M/100M Self Adaptive Ethernet Port
Alarm Interface	1 Input 1 Output
Audio Interface	1 Input 1 Output
Serial Interface	1xRS-485
Video Interface	CVBS Out & RJ-45 Out
On-Board Storage	Built-in memory card slot, support microSD card, up to 256 GB
ANR	Supported
Remote User Connection	≤16
Client Application	Go-Connect

Smart Functions		
Analytics	Motion detection, Perimeter, Line crossing (single/ dual), Loitering (single/ multiple), Illegal Parking, Object Left, Missing Object, Face detection, People count, Wrong way detection, Speed abnormal, Video abnormal, Audio abnormal, Human & Vehicle Classification	
Alarm types	Input alarm, Output alarm, Network alarm, SD card alarm, Motion detection, Tampering, Analytics detection, Day Night alarm, Pre & Post alarm, Alarm based recording & snapshot	
General		
Power	DC 12V ± 10%, 1A (Not included in package), max 9.5W PoE: IEEE 802.3af, max 10.5W	
Surge Protection	TVS4000V	
Reset Button	Yes	
Dimensions	150.2×75×69.7 mm	
Net Weight	Approx. 0.40 kg	
Housing	GT-HA000R66 (IP66) & GT-HA000R67 (IP67)	
Built-in Heater & Fan	Optional	
Material	Cast Iron / Alloy	
Operating Temperature	-40 °C to 65 °C (with Housing)	
Operating Humidity	0 to 95% Relative Humidity (non-condensing)	
Ingress Protection	IP66/67 (housing)	
Vandal Resistant	IK10 (housing)	
Colour	Rice White	
Dimensions (L × W × H)	Inner: 300×105×80 mm Outer: 370×142×115 mm	
Housing & Window size	12 Inch & 74×63 mm	
Net Weight	Approx. 1.30 kg	
Lens	GT-L6V2810	GT-L6V550
Megapixels	6MP	6MP
Image sensor	1/2.7"	1/2.7"
Focal Length	2.8 to 10.0 mm	5.0 to 50.0 mm
Lens Type	CS Mount Varifocal (Manual Focus & Zoom)	CS Mount Varifocal (Manual Focus & Zoom)
FOV	113.5° ~ 46.2° (H); 57.5° ~ 25.8° (V)	57.5° ~ 6.4° (H); 38.3° ~ 4.1° (V)
Aperture	F1.6	F1.4
Iris	DC Iris	DC Iris
Operating Temperature	-20 °C to 65 °C	-20 °C to 65 °C
Dimensions	32.5×32.5×41.92 mm	44×44×84.5 mm
Weight	Approx. 0.095 kg	Approx. 0.190 kg

**Ordering Information:**

GT-CBO5000-PH

5MP IP Box Camera with C/CS Mount Lens (without Lens), PoE, WDR, SD Card Slot and Analytics Support.

GT-L6V2810

6MP Manual Varifocal Lens with CS Mount & 2.8~10mm focal length.

GT-L6V550

6MP Manual Varifocal Lens with CS Mount & 5~50mm focal length.

GT-HA000R66

Box Camera IP66 rated Aluminium Housing with optional Heater & Fan

GT-HA000R67

Box Camera IP67 rated Aluminium Housing with optional Heater & Fan

GT-BWBO66

Wall mount bracket for Box Camera Housing (IP66)

GT-BWBO67

Wall mount bracket for Box Camera Housing (IP67)

