



GT-CBO2000-PH

The Garantir 60FPS Box Network Camera offers real-time Full HD 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 60FPS 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)

2MP 60FPS BOX CAMERA	
Parameters	Specifications
Camera	
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)
Smart IR	Up to 100 m
IR Wavelength	850 nm
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 12.0 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

Video & Audio	
Max. Resolution	1920×1080
Video Compression	Smart H.265, H.265, H.264, MJPEG
Primary Stream	60 Hz: 60 fps (1920×1080, 1280×720, 704×480) 50 Hz: 50 fps (1920×1080, 1280×720, 704×576)
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
Network & Interface	
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 512 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 \pm 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

Ordering Information:

GT-CBU2M100-PH

2MP 60FPS IP Bullet Camera with 5~50mm Motorized Zoom Lens, PoE, WDR, SD Card Slot, Analytics and 100M IR Support.

