LGNXTO5CVTF

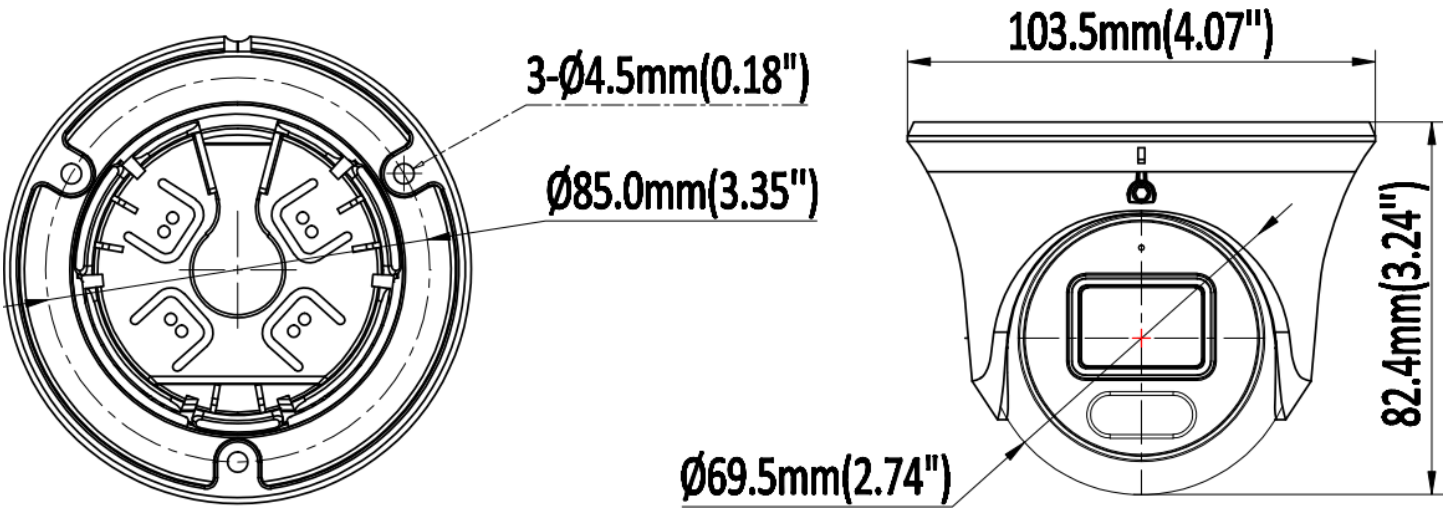
5.1MP CHROMAVIEW HD-TVI Universal Fixed Lens Turret Camera



In Short

This 5.1MP CHROMAVIEW turret HD-TVI camera delivers detailed video with a 2.8 mm or 3.6 mm fixed lens and warm light illumination up to 20 m for full-colour night video. With digital WDR, built-in microphone, and IP67 weather protection, it is designed for reliable professional security applications. It supports TVI, CVI, AHD and CVBS output for easy integration with existing coaxial installations. Built for trusted installations, this camera is 100% NDAA compliant and delivers a premium, dependable solution for commercial and enterprise environments.

Dimensions



*Design and specifications are subject to change without notice - Version 2026-11-09.

TECHNICAL SPECIFICATIONS

Ordering Information	
Part Number	LGNXTO5CVTF
Camera	
Image Sensor	1/2.7” CMOS Sensor
Signal System	PAL/NTSC
Effective Pixels	2592 (H) x 1944 (V)
Minimum Illumination	0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR
LED	2pcs Warm Light
Warm Light Distance	20 m
Lens	
Focal Length	2.8 mm/3.6 mm F1.0 Fixed Lens
Field of View	Horizontal: 2.8 mm: 110° / 3.6 mm: 90°
	Vertical: 2.8 mm: 60° / 3.6 mm: 50°
	Diagonal: 2.8 mm: 126° / 3.6 mm: 103°
Lens Type	Fixed Iris
Mount	M12
Image	
Frame Rate	PAL/NTSC: 5MP @ 20fps
Image Settings	
Shutter	AUTO/1/50 (1/60) to 1/50,000sec
S/N Ratio	≥50dB
Noise Reduction	2D DNR
Day / Night	Full Color
White Balance	MWB/ATW/GRAY WORLD
WDR	D-WDR
Interface	
Video Output	AHD/TVI/CVI/CVBS
Microphone	Built-in microphone supported (only in TVI mode)
General	
Protection	IP67
Material	Metal housing
Power Supply	12V DC (±10%)
Power Consumption	Less than 8 W

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TECHNICAL SPECIFICATIONS

Operating Conditions	-40 to +60°CRH95% MAX
Dimensions	Ø103.5 x 82.4 mm (Ø4.07” x 3.24”)
Weight	370 g (0.81 lb)

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TECHNICAL SPECIFICATIONS

Accessories



XLGNXLB10 - Junction Box, Ø112.5 x 49.5 mm



XLGNXLB14C - Wall Mount, Ø120 x 105.8 x 183.5 mm

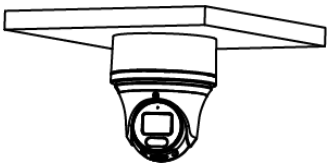


XLGNXPM03 - Pole Mount, Ø170 x 135.8 x 43.7 mm

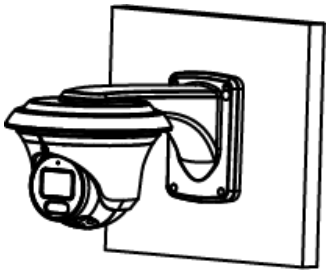


XLGNXCM700 - Pendant Mount, Ø116 x 734.5 mm

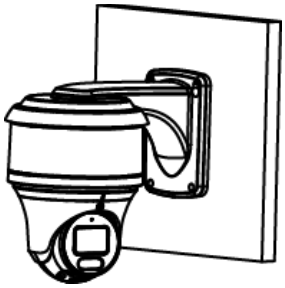
Accessories Mount



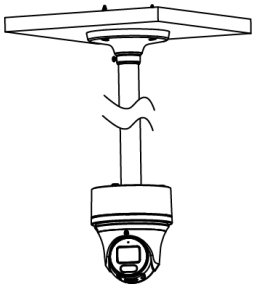
XLGNXLB10



XLGNXLB14C



XLGNXLB10 + XLGNXLB14C



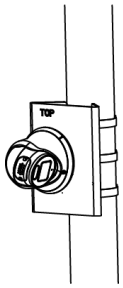
XLGNXLB10 + XLGNXCM700



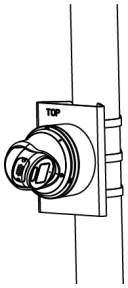
XLGNXLB14C + XLGNXPM03



XLGNXLB10 + XLGNXLB14C + XLGNXPM03



XLGNXPM03



XLGNXLB10 + XLGNXPM03

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