LGNXDO5IRTF

5.1MP HD-TVI Universal Fixed Lens Dome Camera



NDAA Compliant

5 MP

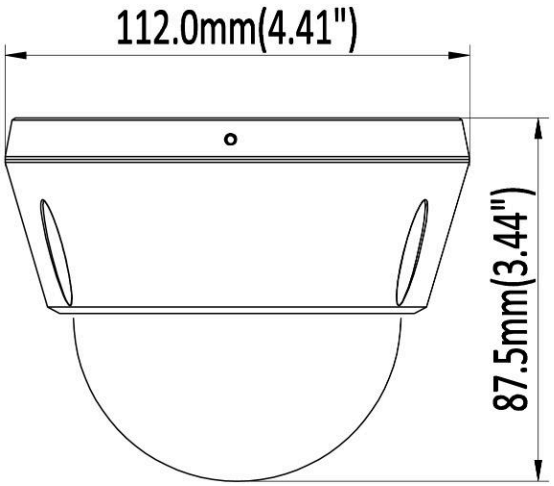
Built-in Mic

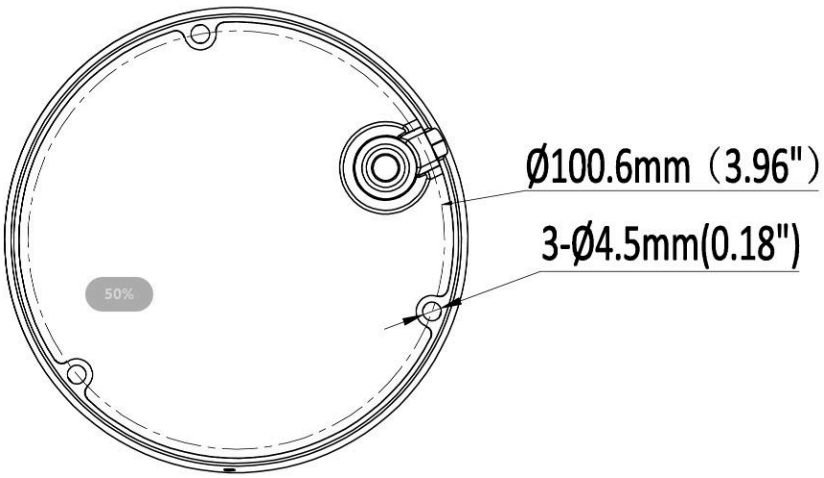
IP67

In Short

This 5.1MP dome HD-TVI camera delivers detailed video with a 2.8 mm fixed lens and IR illumination up to 30 m. 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	LGNXDO5IRTF
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
IR LED	3pcs SMD LED
Illumination Distance	30 m
Lens	
Focal Length	2.8 mm
Field of View	Horizontal: 100°
	Vertical: 54°
	Diagonal: 114°
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	EXT/Auto/Color/B & W
White Balance	ATW/Manual
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 6 W

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TECHNICAL SPECIFICATIONS

Operating Conditions	-40 to +60°C
Humidity	RH95% MAX
Dimensions	Ø112 x 87.5 mm (4.41” x 3.44”)
Weight	362 g (0.79 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

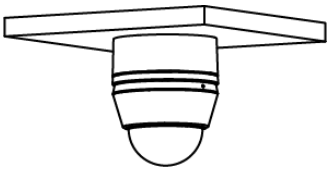


XLGNXPM03 - Pole Mount, Ø170 x 135.8 x 43.7 mm



XLGNXCM700 - Pendant Mount, Ø116 x 734.5 mm

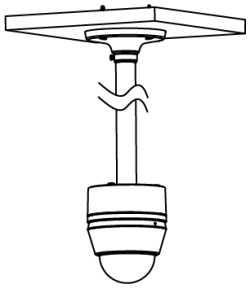
Accessories Mount



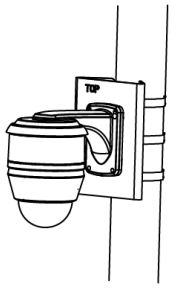
XLGNXLB10



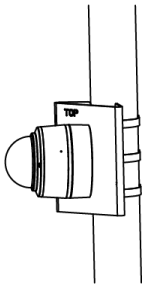
XLGNXLB10 + XLGNXLB14C



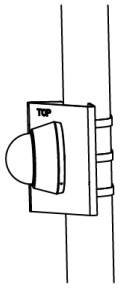
XLGNXLB10 + XLGNXCM700



XLGNXLB10 + XLGNXLB14C + XLGNXPM03



XLGNXLB10 + XLGNXPM03



XLGNXPM03

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