

LiDAR Scanner

AS-35C



TOF Principle



TOF Principle

Appearance		
Principle	ToF	
Wavelength	905 nm	
Sensing range(90% reflectivity)	0.2m ~ 50m	
Sensing range(10% reflectivity)	0.2m ~ 18m	
Sensing range(2% reflectivity)	0.2m ~ 6m	
HFOV	360°	
Sampling frequency	60 kHz	
Scanning frequency	10 Hz / 15 Hz / 20 Hz / 30 Hz	
Angular resolution	0.06° / 0.09° / 0.12° / 0.18°	
Ambient light immunity	80000Lux	
Accuracy	± 2 cm	
Interface	Ethernet/RJ45	4 pin, M8*1 connector, Ethernet/RJ45
Protocol	TCP/UDP	
Power supply	Dc5521	3 hole, M8*1 connector
Supply voltage	DC 9V ~ 24V	
Power consumption	<5 W	
	<2 W	
Operating temperature	-10 °C ~ 50 °C	
Storage temperature	-20 °C ~ 60 °C	
Enclosure rating	IP65	
Dimensions	60mm(L)*60mm(W)*82.5mm(H)	
Model	AS-35C	AS-35CA

Specification

Unit: mm

