

# XH120 TECHNICAL FEATURES

## PERFORMANCE

Max Range	120 m
Scan speed	655.360 points/s
Ranging accuracy	Up to 1cm
Vertical resolution	32 channels
Field of view	360°x360°
N° of returns	1 (strongest)
Rotation rate	20 Hz
Angular Sampling Accuracy	Vertical: $\pm 0.01^\circ$ Horizontal: $\pm 0.01^\circ$
Safety	Class 1 (eyesafe) laser

## SYSTEM

Memory	500GB (expandable)
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## ELECTRICAL SPECIFICATION

Power Supply	DC 18-36V/40W
Operating time	2 batteries, 4h each

## PHYSICAL SPECIFICATION

Scanner weight	2 kg
Processing unit weight	1.7 kg
Operating temperature	0° C to +50° C (32° F to 122° F)
Waterproof/Dustproof	IP54
Material	Aircraft grade aluminium