

Pulsar Axion Compact XG35 Specification

[Axion Compact XG35](#)

Specifications

Sensor:	640x480 @ 12 μ m (NETD < 40 mK)
Objective lens:	F35 / 1.0
Magnification, x:	2.5 – 20 (x8 digital zoom)
FOV (HxV) degrees / m@100m:	12.5x7.8/ 21.9x13.7
Detection range:	1750 m

Sensor

Type:	uncooled
Resolution, pixels:	640x480
Pixel pitch, μ m:	12
NETD, mK:	< 40
Frame rate, Hz:	50

Optics

Objective lens:	F35 / 1.0
Magnification, x:	2.5 – 20 (x8 digital zoom)
FOV (HxV) degrees / m@100m:	12.5x7.8/ 21.9x13.7

Display

Type:	AMOLED
Resolution, pixels:	640x480

Range performance

Detection range, m:	1750 m
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Video recorder

Video / photo resolution, pixel:	960x600
Video / photo format:	.mp4 / .jpg
Build-in memory, GB:	64



WI-FI

Wireless protocol:	Wi-Fi
Wireless standard:	IEEE 802.11 b/g/n/ac (WPA)
Frequency, Ghz:	2.4 / 5

Environmental characteristics

Degree of protection IP code (IEC60529):	IPX7 (waterproof)
Operating temperature range, °C:	-20 - +40

Connections and compatibilities

Mount type:	1/4" socket
Supported application:	Stream Vision 2

Power supply

Output voltage, V:	3.0 – 4.2
Battery type:	Li-Ion Battery Pack APS 3
Capacity, mAh:	3200
Operating time on battery pack, h at t=22°C:	7
External power supply, V:	5 (USB Type C)

Weight & size

Body material:	Magnesium alloy
Dimensions, mm:	167x49x73
Weight, kg:	0.28 (without battery)