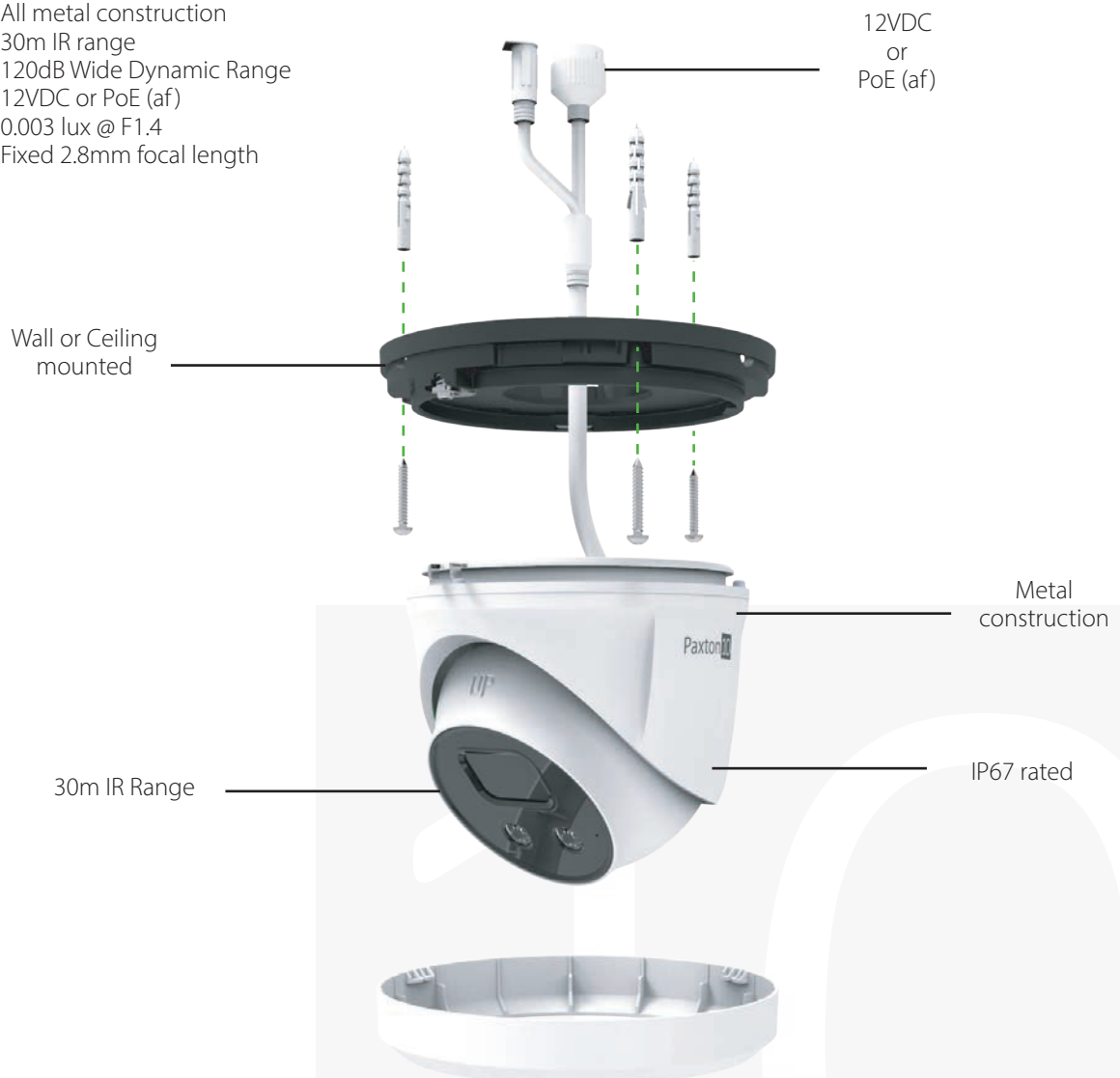# Paxton10 - Turret Camera Core, series

Overview

The Paxton10 camera range is designed specifically to work with the Paxton10 system. As such they offer the most simple, secure and flexible installation possible. No NVR or other hardware is required as video is processed on the camera and can be stored either on the pre-installed 64GB SD card or sent directly to any network location.

The Paxton10 core camera range features stunning low light performance, inbuilt IR, QHD resolution and intelligent motion. All cameras come with Paxton's 5 Year no quibble warranty.

Features

- 4MP ultra-low light sensor capable of high-resolution recording (2560 x 1440)
- 64GB high performance SD card
- IP67 rating
- Mountable on either Wall or Ceiling
- Intelligent motion detection
- Compact size
- All metal construction
- 30m IR range
- 120dB Wide Dynamic Range
- 12VDC or PoE (af)
- 0.003 lux @ F1.4
- Fixed 2.8mm focal length

12VDC or PoE (af)

Wall or Ceiling mounted

Metal construction

IP67 rated

30m IR Range

⚙ System

Video Streams - Main - Defaults	
High	
Resolution	2560 x 1440
Frames per second	20fps
Max bit rate	4096Kbps
Medium	
Resolution	1080p
Frames per second	20fps
Max bit rate	3072kbps
Low	
Resolution	720p
Frames per second	15fps
Max bit rate	2048kbps
Substream	
Resolution	360p
Frames per second	10fps
Max bit rate	512kbps
Video compression	H264
Day/Night mode	Auto

⚡ Electrical

Power consumption	12VDC @ 0.48 A, max 5.8 W
	PoE: Max 6.5 W
Operating voltage	12v DC ±25%
	PoE 802.3af

Communication

ONVIF	No
RTSP	No
IP	Yes

Hardware

Dimensions (W x H x D)	Ø 138.3 mm × 126.3 mm
Weight	620g
SD Card	256GB Max (64GB included
Video format	PAL/NTSC
Image Sensor	1/3" Progressive Scan CMOS
Focal Length	2.8mm
Aperture	F1.4
FOV	Horizontal field of view: 103°
	Vertical field of view: 55°
	Diagonal field of view: 123°

3-Axis Adjustment (manual)	Pan: 0 to 360°, tilt: 0 to 75°, rotation: 0 to 360°
Material	Body: Metal
Warranty	Paxton 5 year
SD Card specs (included)	
Storage Capacity	64GB
Read speed	95MB/s
Write speed	24 MB/s
Class	Class 10, U1
Warranty	1 year
Recommended SD Card specs	
Storage Capacity	256GB (Maximum supported)
Card type	Micro SDXC
Class	UHS Class 1
Memory type	MLC (Multi-Level cell)

Environment

Operating temperature	-30°c to +60°c
IP Rating	IP67
Mounting	Wall or ceiling

Accessories and Sales codes

010-705-EX	Paxton10 - Turret camera, CORE series
010-445-EX	Paxton10 - Turret Camera Junction Box