Andromeda IR

Key features:

- Combined thermal and optical unit
- Dual video or switched video output
- High resolution day/night optical camera
- High resolution 640 x 512 pixel infra red camera core
- 25 Hz and 9 Hz (licence free) units available
- Wiper as standard

The Andromeda IR series offers an extremely reliable, robust and high quality surveillance solution for security applications that demand the very best performance. Precision engineered to exacting standards, the range comes with a variety of options in order to offer the best fit solution for virtually any application.

Andromeda IR

Dimensions	Height	258 mm
	Width (over sunshields)	365 mm
	Depth	230 mm
	Weight	10.5 kg
Available options	Configurations availabe	Upright mount, inverted mount options
	Colour/ finish	Bespoke colours and finishes available on request
	Camera module	36x cameral module as standard
	Cameral colour system	PAL or NTSC
	Installed protocol	Pelco D
	Window wiper	Standard factory fit
	Privacy board	Optional, factory fit
	Alarm card	Optional, factory fit
	IR lamps	Optional, factory fit
	Accessories	
	Power supply	12V DC
	Cabling	Optional. Choose from 2m, 10m, 15m, 20m or 25m versions

Rated to an industry IP67, the vandal resistant 4mm and up to 6mm thick aluminium castings are suitable for installations in the harshest of environments. The optically flat and toughened viewing window and integrated wiper ensure pin sharp images are captured in the most demanding conditions.

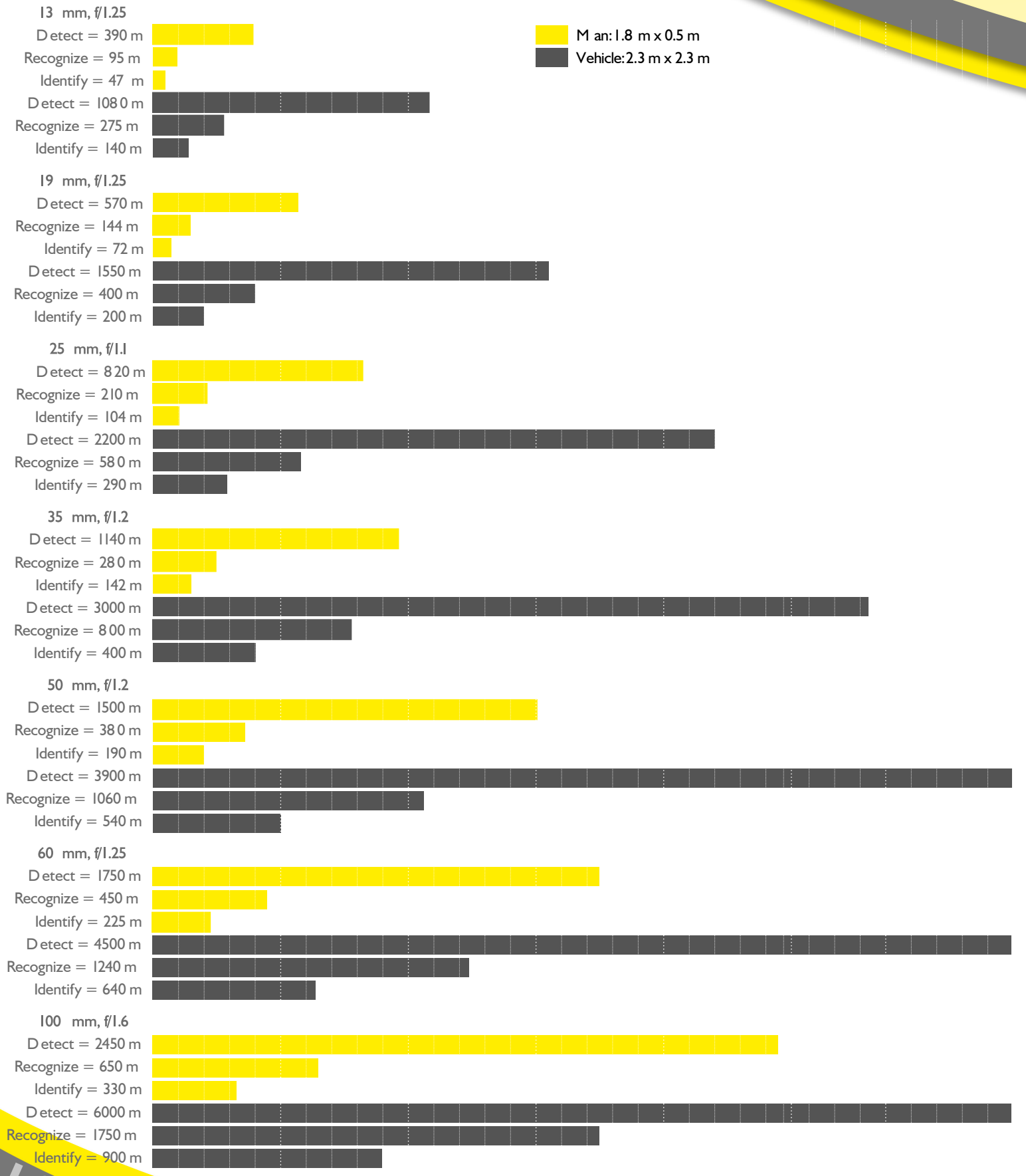
With a choice of day/night camera options offering up to 36X optical zoom and thermal cores with either 17 micron pixels or 25 micron pixels and lenses up to 100mm, the Andromeda IR range covers a broad spectrum of applications.

The Andromeda IR offers 360° continuous rotation on the pan axis and +/- 90 on the tilt axis. It has magnetic encoders to ensure pin point accuracy and the complete system is supplied as plug and play. It has multi-protocol operation and is supplied with a 36x optical zoom (12x digital) camera as standard. Other options are available. It is designed to house the complete tau range of thermal core as shown in the range charts. Other cores are available.

Thermal imaging cores

		Performance
Thermal imager	Sensor type	640x512 pixels or 320x240 pixels, (Vox) microbolometer, Uncooled
	Signal system	PAL, 25Hz or 8.3 Hz, NTSC 30Hz or 7.5Hz
	Thermal lens	See 640 and 320 tau range charts for lens options
	Digital zoom	2x, 4x, 8x (tau 640) 2x, 4x (tau 320)
	Sensitivity	<50mk @fl.0
	Spectral band	7.5 to 13.5µm
	Automatic features	Contrast and brightness
Power requirements	Power	12V dc
	Power consuption	70VA
Environment	IP rating	IP67
	Operating temperature	-35°C to 55°C
Interfaces	Multi-protocol Rx/Dr	Pelco D (please enquire for up to date list)

Tau 640 Range Chart

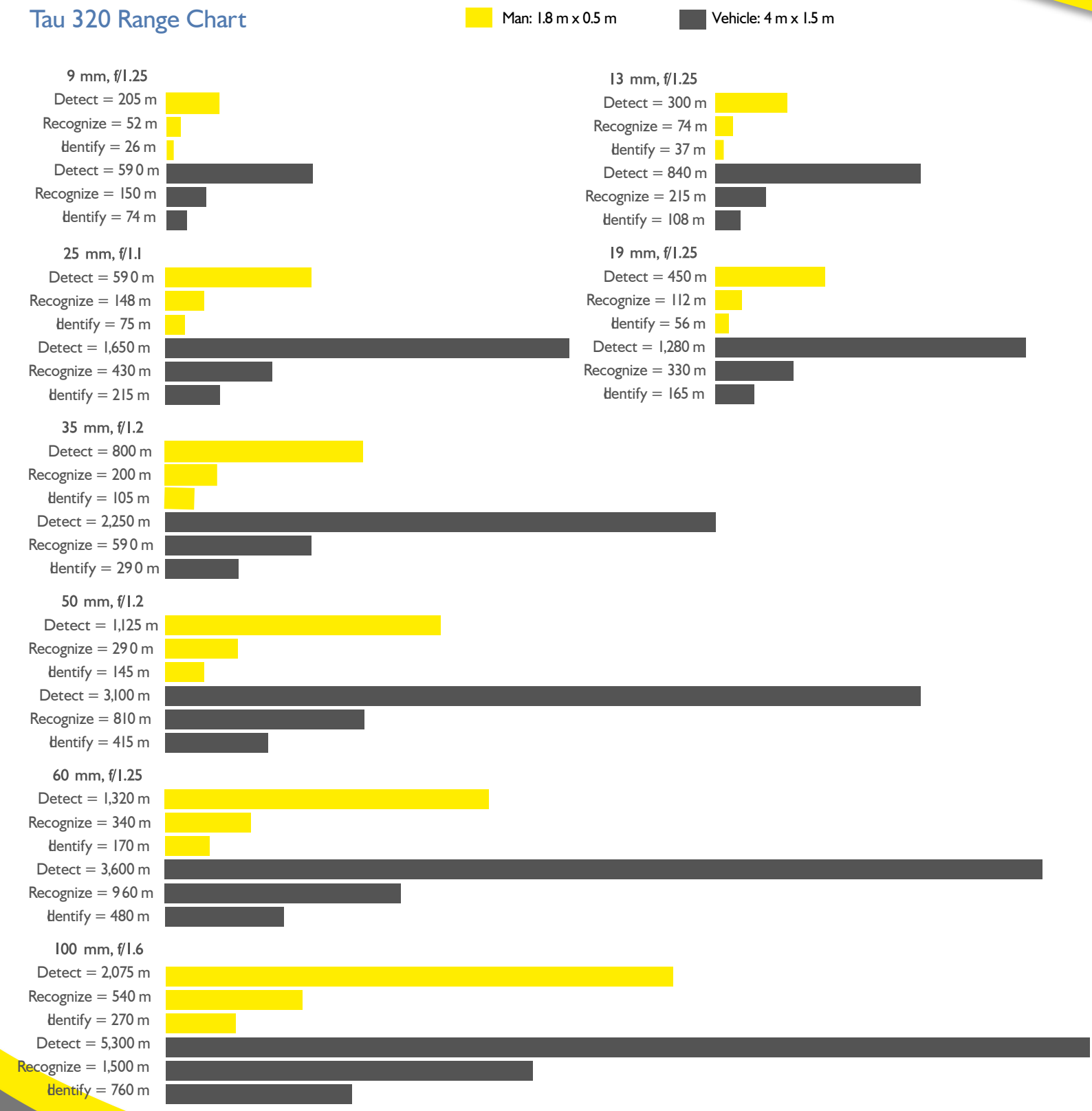


I Design CCTV Ltd.

Unit 2, Station Road, Alton, GU34 2PZ **Phone:** 01420 87732 **Web:** www.idesigncctv.com

25-micron pixels

Tau 320 Range Chart



I Design CCTV Ltd.

Design house, Station Road, Alton,

Hampshire. GU34 2PZ

Phone: 01420 87732.

Email: info@idesigncctv.com

Web: www.idesigncctv.com