

## IP Video Specialty Cameras

►EXTEGRA IP starlight 9000 FX\*\*



►EXTEGRA IP dynamic 9000 FX\*\*



►VOT thermal



■ Available – Not available

Commercial Type Number		NXF-9130-xx	NXF-9230-xx	VOT-320-Vxxx
Bosch USPs	intelligent Dynamic Noise Reduction (iDNR)	■	■	-
	intelligent Auto Exposure (iAE) / iDefog	- / -	- / -	- / -
	starlight (extreme low-light sensitivity)	■	-	-
	4K ultra HD	-	-	-
	Built-in Intelligent Video Analysis (IVA)	■	■	■
Basic features	Maximum resolution	HD 720p	HD 1080p	320 x 240
	Image sensor type	1/3"	1/2.8"	FPA - Vox
	Max. frames per second (fps)	60 fps@720p	30 fps@1080p	8.3 fps@240p (-VxxL), 30 fps@240p (-VxxH)
	Indoor / outdoor / in-vehicle	- / ■ (Ex-Proof/Corrosive) / -	- / ■ (Ex-Proof/Corrosive) / -	- / ■ / -
	Day/night	■	■	-
	Wide Dynamic Range (WDR)	90dB	90dB	-
	ONVIF conformant	■	■	■
	Built-in microphone	-	-	-
	Power over Ethernet (PoE)	■ (HiPoE)	■ (HiPoE)	-
	Advanced features	Compression (H.264 & MJPEG) / multi-streaming	■	■
Privacy masking		■	■	-
Region Of Interest tracking		-	-	-
Alarm triggering	Tamper detection	■	■	■
	Video motion detection	■	■	■
	Intelligent Video Analysis (IVA)	■	■	■
	Audio detection	■	■	■
Sensitivity	Minimum illumination day mode (color)	0.052 lux	0.066 lux	-
	Minimum illumination night mode (black / white)	0.0103 lux	0.033 lux	0 lux
	Night vision	■ (External EX65 IR)	■ (External EX65 IR)	■ (thermal)
	Max. range at night	-	-	1450 m (4758 ft)
Lens	Automatic Back Focus (ABF)	■	■	-
	Automatic varifocal	■	■	-
	Focal length	4.3 mm - 129 mm	4.3 mm - 129 mm	9 mm (-V9L, -V9H), 13 mm (-V13L, -V13H), 19 mm (-V19L, -V19H), 60 mm (-V60L, -V60H)
	Horizontal Angle of View (HAoV)	2.1° to 59°	2.1° to 59°	-
DCRI distances	Detection / Classification / Recognition / Identification (Distances in m with 100 lux illumination)	-	-	-
Storage	Memory card slot	■ Up to 2 TB	■ Up to 2 TB	■ Up to 32 GB
	Cloud application storage	Auto or Alarm JPEG Posting (FTP only)	Auto or Alarm JPEG Posting (FTP only)	Auto or Alarm JPEG Posting (FTP only)
Connections	Alarm input / output	3/2	3/2	2/2
	Audio in/out	1/1	1/1	- / -
	Hybrid* / confrontation monitor	- / -	- / -	- / -
Housing	Weather rating	IP67	IP67	IP66
	Vandal resistant	-	-	-
		-50° to 60° C (-58° to 140° F) (Aluminum) -50° to 55° C (-58° to 131° F) (Stainless steel)		-50° to 55° C (-58° to 131° F)

\* The hybrid functionality offers an easy migration path from legacy CCTV to a modern IP-based system

\*\* Available as of 2<sup>nd</sup> quarter 2015