



Cutting-edge, cooled mid-wave infrared technology inside an IP67 housing, the Vista camera series offers stunning image quality and clarity for demanding long-range thermal imaging applications.

DETAILS

With IP67 and MIL-STD-810F ratings, Vista is designed for allconditions, around-the-clock operation in critical applications when smooth zoom and focus, reliable operation and crisp imagery are essential. The Vista SD 300, 550 and 785 models are equipped with a cooled, 640 x 512 focal plane array detector, while the HD 785 features a larger 1280 x 1024 detector for more pixels on target and sharper imagery at extreme distances.

Vista's detector is optimized for spectral response in the mid-wave infrared spectrum, commonly considered the best technology for imaging in variable, marine and high humidity environments. In addition to its rugged housing, the unit is sealed and dry nitrogen backfilled to further ensure consistent and quality imagery in a range of environmental conditions.

- **APPLICATIONS**
- + Superior long-range imaging
- + Arount-the-clock operations
- + Manned, unmanned vehicles
- + Asset/infrastructure protection
- + Port, airport, border security
- + Security & surveillance
- + Long-distance DRI

- + 300, 550, 785 and 785HD models
- + IP67 and MIL-STD-810F rated
- + Cooled MWIR delivers superb imagery
- + Motorized continuous optical zoom
- + 1280 x 1024 resolution in HD model



Imaging distance: 6 km, 785HD





VISTA SUPERIOR LONG-RANGE MWIR SERIES

EXPORT CLASSIFICATION: DUAL USE

FEATURE SPECS

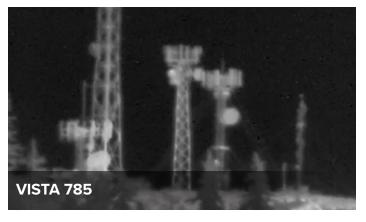
DETECTOR

	Array Format	Pixel Pitch	Spectral Response
300 mm	640 x 512	15 Micron	MWIR
550 mm	640 x 512	15 Micron	MWIR
785 mm	640 x 512	15 Micron	MWIR
785 mm HD	1280 x 1024	10 Micron	MWIR

ENVIRONMENTAL

	Size (length)	Sealed/Rating
300 mm	39.05 cm	IP67
550 mm	47.94 cm	IP67
785 mm	64.5 cm	IP67
785 mm HD	64.5 cm	IP67





SYSTEM

IP Video Output	PAL/NTSC/SD-SDI, IP (optional) HD-SDI on HD only	
Camera Control/Command Interfaces/System Control	RS-232/422 serial interface IP (optional)	

LENS MODELS

	FOV	F#	FOCUS	Optical Zoom
300 mm	32° to 1.8°	4.0	Autofocus, Manual	18x
550 mm	18° to 1°	4.0	Autofocus, Manual	18x
785 mm	12° to 0.7°	4.0	Autofocus, Manual	18x
785 mm HD	16.6° to 0.9°	4.0	Autofocus, Manual	18x



