

2502

NEON HIGH RESOLUTION IMAGE AND VIDEO CAMERAS



neon



MODEL B, C, D AND F



The 2502 Neon High Resolution Image and Video Cameras can be set up to take still images in a range of resolutions or to record video clips. When the IP camera is combined with a Unidata Neon Remote Terminal (NRT), these images/video captures are sent to a central Neon Server for viewing, processing and reporting.

A typical system configuration consists of:

- NRT, ether 2018 NRT (Inmarsat M2M Satellite) or 2020 NRT (Ethernet, USB and 3G)
- IP Camera, ether 1MP, 5MP, 10x optical zoom or 360° pan + 30x optical zoom camera
- Optional: PoE injector, Ethernet surge protector and special cable length CAT5 cable

The Neon Applications Software maintains the high resolution images and video files in the same SQL database as standard data logging files. Images and videos be viewed on the web interface and/or reported out of the Neon system, for example, by ftp, email or web services.

Unidata Neon High Resolution Satellite Telemetry Cameras are added to Neon via the Cameras tab on the Loggers tab. The resolution, frame rate and encoding is set via the web interface at a central location, while the equipment is located at the very remote location. Multiple camera buttons may be added so that different resolution images and videos may be captured from the same camera without the need to reconfigure the camera. Simply press the appropriate capture button to take a photograph or video at the required resolution or frame rate.

Photographs and captured videos may be viewed on the photographs tab. An historical list of photographs is presented. Photographs and videos may be previewed on screen or downloaded for viewing at full resolution.

For NRT specifications please refer to 2018 and 2020 NRT brochures

SPECIFICATIONS

PHYSICAL SPECIFICATIONS 1MP AXIS P1364-E

MATERIAL:	IP66/IP67 NEMA 4X rated IK10 Impact resistant polymer enclosure
SIZE:	382mm x 155mm x 120mm (LxWxH)
WEIGHT:	1.8kg
OPERATING TEMPERATURE:	-40°C to 50°C. Humidity 10-100% RH
RESOLUTION:	HDTV 720p 25/30fps (WDR): 1280 x 960 to 160 x 90 HDTV 720p 50/60fps (no WDR): 1280 x 960 to 160 x 90
FRAME RATE:	Up to 50/60 fps

PHYSICAL SPECIFICATIONS 5MP AXIS P1357-E

MATERIAL:	IP66/IP67 NEMA 4X rated IK10 Impact resistant aluminium enclosure
SIZE:	404mm x 161mm x 142mm (LxWxH)
WEIGHT:	3.1kg
OPERATING TEMPERATURE:	-30°C to 50°C with PoE, Humidity 10-100% RH
RESOLUTION:	2592 x 1944 (5PM) to 160 x 90
FRAME RATE:	Capture mode 2MP/1080p@ 25/30 fps Capture mode 3MP@ 16/20 fps Capture mode 5MP@ 12.5/12 fps

PHYSICAL SPECIFICATIONS 10X OPTICAL ZOOM AXIS P1775-E

MATERIAL:	IP66/IP67 NEMA 4X rated IK10 Impact resistant aluminium enclosure
SIZE:	405mm x 140mm x 121mm (LxWxH)
WEIGHT:	3.6kg
OPERATING TEMPERATURE:	-40°C to 50°C with PoE, Humidity 10-100% RH
RESOLUTION:	1920 x 1080 HDTV 1080p to 160 x 90
FRAME RATE:	Up to 60/50 fps in all resolutions

PHYSICAL SPECIFICATIONS 30X OPTICAL ZOOM + 360° PAN AXIS P5635-E MK II

MATERIAL:	IP66 NEMA 4X rated IK10 Impact resistant aluminium enclosure with clear dome
SIZE:	217mm x 188mm x 188mm (LxWxH)
WEIGHT:	2.5kg
OPERATING TEMPERATURE:	-30°C to 55°C with PoE, Humidity 10-100% RH
RESOLUTION:	1920 x 1080 HDTV 1080p to 320 x 180
FRAME RATE:	Up to 25/30 fps in 1080p Up to 50/60 fps in 720p