

Mantis

Mantis imaging systems eliminate the limitations of traditional video setups that rely on multiple, mechanical PTZ cameras. Conventional single-lens cameras can record only what they are pointed at, missing crucial details and moments. With the Mantis, you record everything in the field of view. 100-megapixel video can be explored live and after it's been stored. A week or month later, you can zoom in and review all the data.

Aqueti technology combines several Mantis systems into a single ensemble, resulting in one logical camera capable of viewing an entire stadium or airport parking region.



- 100 megapixels
- 5-30fps
- 15-600Mb/s (H.264, H.265); 2-7Gb/s (MJPEG)
- ONVIF® Profiles S and G

Mantis 35

18x 50mm (f/2.6) and 1x 8mm (f/1.4) lenses
35° x 10° field of view

Mantis 70

18x 25mm (f/1.8) and 1x 3.5mm (f/1.4) lenses
71° x 21° field of view

Mantis 150

16x 6mm (f/1.6) and 2x 3.5mm (f/2.4) lenses
153° x 23° field of view

QView

QView is the primary interface for viewing interactive streams generated by the Aqueti Camera Ensemble. QView supports multiple users viewing and zooming video on independent monitors. In QView, you can zoom, pan, and tilt live video, or click the timeline to jump back to a point in the past, keeping the zoom, pan, and tilt capabilities.



QAdmin

QAdmin is the administrative interface of the Aqueti Camera Ensemble. It provides administrative level access to device settings, ensemble configuration, data flow management, and the ensemble state.



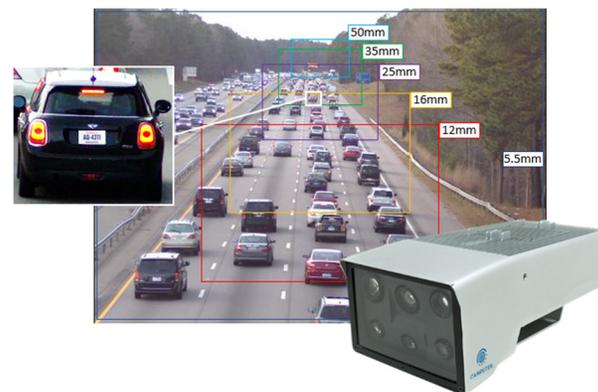
Pathfinder

The Pathfinder product is designed for narrow, linear installations such as freeways, railroad tracks, or runways.

With QView or other VMS systems, the operator sees one unified digital stream of all six microcameras, with the ability to zoom in anywhere in the camera's total field of view with equal clarity.



- 48 megapixels
- 5-30fps
- 35° x 10° field of view
- Minimum 60 pixels/foot from 60-500ft.
- 6 lenses, 3 NVIDIA TX1 processors, 1 2.5" 4K CMOS sensor



Mantis or Pathfinder cameras can be installed as part of a permanent security setup in a parking lot, airport, campus, or stadium. They are also the go-to solution for irregularly shaped properties in congested areas, such as railyards. Or, use a ruggedized in-vehicle Aqueti server and take your Aqueti system on the go to protect a construction site, monitor traffic, or be your force multiplier at any event.

The Aqueti Video Surveillance System

An Aqueti video surveillance system is composed of one or more Aqueti array cameras that capture video and one or more Aqueti appliances that process, display, and store video.



Aqueti's parallel supercameras evolved from two decades of optical, electronic and computational leaps in technology.

Real-time interactive functionality allows you to dive into the smallest details with total clarity. The Aqueti system plays well with a range of display and storage platforms, promising limitless possibilities for array camera deployments – from smart city applications and public surveillance to globally-shared virtual experiences.

An Aqueti "camera" is really a system of several microcameras and computers contained in an elegant and compact housing. Looking at the face of an Aqueti camera, you immediately notice something different from any traditional security camera you've ever seen.

Aqueti Mantis 70



Traditional Security Camera



Instead of one lens, the Aqueti Mantis 70 contains a lineup of 19 lenses looking out onto the world. The face of the Mantis is curved so that each lens looks out in a different direction. The result is a single wide-angle video with deep zoom capability throughout the entire field of view, something not achievable with traditional cameras.

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