



Mantis

Parallel 100 Megapixel Supercameras

- Real-time and forensic zoom over entire field of view
- Multi-user streaming of independent viewing windows
- Open platform with extensible programming capabilities
- 3rd party integration into video management systems through the ONVIF® standard



Mantis 35
 107 Megapixels
 5, 10, 15, 20, 25, 30fps
 35° x 10°



Mantis 70
 107 Megapixels
 5, 10, 15, 20, 25, 30fps
 71° x 21°



Mantis 150
 98 Megapixels
 5, 10, 15, 20, 25, 30fps
 153° x 23°

Microcameras

Image Sensor	1/2.5" 4K Progressive Scan CMOS	1/2.5" 4K Progressive Scan CMOS	1/2.5" 4K Progressive Scan CMOS
Minimum Illumination (LUX)	Color: 0.1LUX; B/W: 0.01LUX	Color: 0.1LUX; B/W: 0.01LUX	Color: 0.1LUX ; B/W: 0.01LUX
Microcamera focal lengths	18x 50mm (f/2.6) + 1x 8mm (f/1.4)	18x 25mm (f/1.8) + 1x 3.5mm (f/2.4)	16x 16mm (f/1.6) + 2x 3.5mm (f/2.4)

Processing

Processor	10x NVIDIA TX1	10x NVIDIA TX1	9x NVIDIA TX1
Bandwidth	15-600 Mbits/s H.264 low, medium, high quality H.265 low, medium, high quality	15-600 Mbits/s H.264 low, medium, high quality H.265 low, medium, high quality	15-600 Mbits/s H.264 low, medium, high quality H.265 low, medium, high quality
Latency	1.5sec	1.5sec	1.5sec

Environmental

Operating Temperature Range	-20° to 55°C	-20° to 55°C	-20° to 55°C
Storage Temperature Range	-30° to 55°C	-30° to 55°C	-30° to 55°C
Humidity Range	5% to 90%	5% to 90%	5% to 90%
Moisture Resistance/Rating	IP66	IP66	IP66

Electrical/Mechanical

Power Consumption	165 Watts	165 Watts	165 Watts
Power Input	12V DC	12V DC	12V DC
Weight	8kg	8kg	8kg



Learn more at www.aqueti.com