

## Thermal PTZ - Silent Sentinel vs. Competitors

Quick specification guide to off the shelf thermal PTZ cameras



| Thermal Characteristics          | Oculus | Flir PTZ Dome | Aeron  | Flir PT Series | Bosch MIC Series | 360 Predator TC | 360 Predator TC100 |
|----------------------------------|--------|---------------|--------|----------------|------------------|-----------------|--------------------|
| Max. Thermal Lens                | 50mm   | 35mm          | 150mm  | 100mm          | 50mm             | 35mm            | 100mm              |
| Max. Man Detection Range*        | 2.1km  | 1.3km         | 3.4km  | 2.5km          | 1.5km            | 1.3km           | 2.5km              |
| Optical Zoom                     | ✓      | ✗             | ✓      | ✗              | ✗                | ✗               | ✗                  |
| Digital Zoom                     | ✓      | ✓             | ✓      | ✓              | ✓                | ✓               | ✓                  |
| 640 x 480 Resolution             | ✓      | ✓             | ✓      | ✓              | ✓                | ✓               | ✓                  |
| Sensor Type VOx                  | ✓      | ✓             | ✓      | ✓              | ✓                | ✓               | ✓                  |
| Thermal Sensitivity <50mK        | ✓      | ✓             | ✓      | ✓              | ✓                | ✓               | ✓                  |
| Frame Rates 9Hz,25Hz             | ✓      | ✓             | ✓      | ✓              | ✓                | ✓               | ✓                  |
| ICE (Image Contrast Enhancement) | ✓      | ✗             | ✓      | ✗              | ✗                | ✗               | ✗                  |
| Video Characteristics            | Oculus | Flir PTZ Dome | Aeron  | Flir PT Series | Bosch MIC Series | 360 Predator TC | 360 Predator TC100 |
| Max. Video zoom                  | 40x    | 36x           | 40x    | 36x            | 36x              | 40x             | 40x                |
| HD-IP                            | ✓      | ✗             | ✓      | ✓              | ✓                | ✓               | ✓                  |
| Resolution                       | 670TVL | 550TVL        | 670TVL | 550TVL         | 550TVL           | 670TVL          | 670TVL             |
| Smart Features                   | Oculus | Flir PTZ Dome | Aeron  | Flir PT Series | Bosch MIC Series | 360 Predator TC | 360 Predator TC100 |
| Tracking                         | ✓      | ✗             | ✓      | ✗              | ✓                | ✗               | ✗                  |
| Image Fusion                     | ✓      | ✗             | ✓      | ✗              | ✗                | ✗               | ✗                  |
| PIP                              | ✓      | ✗             | ✓      | ✗              | ✗                | ✗               | ✗                  |
| Stabilisation                    | ✓      | ✗             | ✓      | ✗              | ✓                | ✗               | ✗                  |

\* Based upon Johnson's criteria