



## RangePro50/250 System Specifications

<b>Axsys Part Number</b>	23043M.
<b>Video Format</b>	NTSC, PAL, or optional digital output.
<b>Serial Interface</b>	RS-232/RS-422.
<b>Power Requirements</b>	11–16 VDC, 18 Watts typical @ 25°C steady state (RangePro50/250), 10.5–36 VDC, 30 Watts typical @ 25°C steady state (RangePro50/250-S).
<b>Environmental</b>	<ul style="list-style-type: none"> <li>• Unit sealed and dry nitrogen backfilled, rated IP67.</li> <li>• Front Element Defroster.</li> <li>• Operating Temperature Range: -32°C to +60°C</li> <li>• Non-Operating Temperature Range: -40°C to +70°C.</li> </ul>
<b>Controls</b>	Controls available on a hand held pendant or through a PC via an RS-232/422 link.
<b>Mounting</b>	¼-20 Tripod Interface.
<b>Weight</b>	<13 lbs. (5.9kg).
<b>Length</b>	<17" (43.2cm).

## Sensor Specifications

<b>RangePro Detector</b>	320 x 256 InSb, FPA 30µm pitch.
<b>RangePro-S Detector</b>	640 x 512 InSb, FPA 15µm pitch (add "Z" suffix to part number; see table below).
<b>Spectral Band</b>	3–5µm.

## Optical Characteristics

<b>Spectral Range</b>	3–5µm.
<b>Lens Type</b>	Dual Field of View, 50mm/250mm.
<b>f/#</b>	4.
<b>Lens Features</b>	<ul style="list-style-type: none"> <li>• Motorized remote operation.</li> <li>• Auto and manual focus adjust.</li> <li>• Dual Field of View.</li> </ul>
<b>Field of View</b>	11.0° x 8.2° (Wide), 2.2° x 1.7° (Narrow).

## Construction of Axsys Part Numbers

To construct Part Numbers, start with base code, add other desired options alphabetically, excepting that "P" must be last. Example: 23043MB4KP

Code	Feature Referenced Options	Example (sample part number plus code)
Bn	Baud Rate (Default = 9600)	23043MB3
B1	4800	
B3	19200	
B4	38400	
B5	57600	
B6	115200	
D	Digital Video Option	23043MD
K	Sun Shield	23043MK
N	No BNC Video Output	23043MN
P	PAL Video Format	23043MP
Vnn	Paint Version	23043MV4
Z	640 X 480 Sensor Option	23043MZ



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DS017-0209