

FieldPro5X System Specifications

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| Axsys Part Number | 23046M. |
| Video Format | NTSC, PAL, or optional digital output. |
| Serial Interface | RS-232/RS-422. |
| Power Requirements | 11–16 VDC, 18 Watts typical @ 25°C steady state (FieldPro5X), 10.5–36 VDC, 30 Watts typical @ 25°C steady state (FieldPro5X-S). |
| Environmental | <ul style="list-style-type: none"> • Unit sealed and dry nitrogen backfilled, rated IP67. • Front Element Defroster. • Operating Temperature Range: -32°C to +60°C. • Non-Operating Temperature Range: -40°C to +70°C. |
| Controls | Controls available on a hand held pendant or through a PC via an RS-232/422 link. |
| Mounting | ¼-20 Tripod Interface. |
| Weight | ≤20 lbs. (9.1kg). |
| Length | ≤24" (61cm). |

Sensor Specifications

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

Optical Characteristics

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| Spectral Range | 3-5µm. |
| Lens Type | Continuous Zoom, 100-500mm, with up to 10 user-defined presets. |
| f/# | 4. |
| Lens Features | <ul style="list-style-type: none"> • Motorized remote operation. • Auto and manual focus adjust. • Zoom Field of View. |
| Field of View | 5.5° x 4.1° (Wide) to 1.1° x 0.8° (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: 23046MB4KP

| Code | Feature Referenced Options | Example (sample part number plus code) |
|------|----------------------------|---|
| Bn | Baud Rate (Default = 9600) | 23046MB3 |
| B1 | 4800 | |
| B3 | 19200 | |
| B4 | 38400 | |
| B5 | 57600 | |
| B6 | 115200 | |
| D | Digital Video Option | 23046MD |
| K | Sun Shield | 23046MK |
| N | No BNC Video Output | 23046MN |
| P | PAL Video Format | 23046MP |
| Vnn | Paint Version | 23046MV4 |
| Z | 640 X 480 Sensor Option | 23046MZ |



AXSYS TECHNOLOGIES, IR SYSTEMS, INC.
 44 SIMON STREET • NASHUA, NH 03060 • USA
 +1.603.521.9300 • FAX: +1.603.521.9375
 www.axsys.com

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