



| Image system | NTSC | PAL |
|--------------------------|--|--|
| Lens | 1/4" SONY Exview HAD CCD | |
| Optical zoom | F1.6 ~ F4.5 | |
| Focal length | f=3.4 mm (wide) to 12.4 mm (tele) | |
| View Angle | 57.8°(wide end) to 1.7°(tele end) | |
| Minimum Working Distance | 320mm(wide end) to 1500mm(tele end) | |
| Effective pixels(HxV) | 380K pixels approx. | 440K pixels approx. |
| Scanning system | 2:1 Interlace V: 59.94Hz, H: 15.734KHz | 2:1 Interlace, V: 50Hz, H: 15.625KHz |
| Sync system | Internal / line-lock | |
| Video output | 1Vpp composite output, 75 ohm | |
| Horizontal resolution | 540 TV Lines | |
| S/N ratio | More than 50 dB | |
| Zoom limit | UP TO 432X (optical 36X, digital 12X) | |
| Focusing system | Auto(normal sensitivity / low sensitivity) | |
| Focus | Auto (sensitivity: normal, low), One-push AF, Manual, Infinity, Interval AF, Zoom Trigger AF | |
| Minimum illumination | Normal mode: 0.07 lux (F1.6, 1/60(1/50)sec, ICR OFF, 10 IRE) Slow shutter mode: 0.005 lux (F1.6, 1/4(1/3)sec, ICR OFF, 10 IRE) Night mode: 0.0075 lux (F1.6, 1/60(1/50)sec, ICR ON, 10 IRE) Slow shutter mode: 0.0005 lux (F1.6, 1/4(1/3)sec, ICR ON, 10 IRE) | |
| Gain control | Auto | |
| White balance | Auto, ATW One-push | |
| Electric shutter | 1/1 to 1/10,000sec. 22 Steps | |
| Auto slow shutter | On / Off | |
| AE control | Auto, Manual, Priority mode, Bright, EV compensation, Back-light compensation | |
| EV compensation | -10.5~+10.5dB(1.5dB steps) | |
| Backlight Compensation | On / off | |
| Alarm function | Yes | |
| Day/Night mode | Auto / manual | |
| Flickerless | Yes | |
| Wide dynamic | YES | |
| Picture Effect | | |
| Mirror Image | Yes | |
| P/T Operation | | |
| Pan Range | 360° continuous | |
| Tilt range | 92° | |
| Manual Pan speed | 0.1 ~ 90°/s | |
| Manual Pan speed (turbo) | 0.1°/s: max dig. zoom - 0.4°/s; max opt. zoom 150°/sec. | |
| Manual tilt speed | 0.1 ~ 45°/s | |
| Preset speed | 0.1°/s: max dig. zoom : 0.4°/s; max opt. Zoom Pan: 430°/sec(max); Tilt: 200°/sec (max) | |
| Proportional P/T | Provided | |
| Pan/Tilt limit | user definable | |
| Auto Flip | on/off | |
| Zoom Limit | x36,x72,x144,x288,x432 | |
| Programmable Preset | 256 points | |
| Programmable Tours | 4 pattern tours memorizing up to 6 mins of manual control | |
| Privacy zone | On / off, up to 24 zones (3D Privacy Zone) | |
| Scan function | Random, frame and auto-scan selectable | |
| Alarm | 6 inputs / 1 output | |
| Preset titles | Max 20 characters | |
| Password protection | alphanumeric Dome OSD setup protection | |
| Other Superior Functions | Super Fine Pan for 0.02° Accuracy / Motion Detection / Scheduling | |
| Remote control | | |
| Remote control | MESSOA P/D (Also support Pelco-P/D, GE, Bosch, Ernitec, Tyco) | |
| Special Commands | support absolute(X, Y, Z) position | |
| Interface | RS485 | |
| Baud Rate | 2400,4800,9600,19200 bits(DIP-sw selectable) | |
| OSD | | |
| Multi language support | English, Simplified Chinese, Traditional Chinese, Spanish, Portuguese, French, Japanese, Germany, Polish, Italian | |
| NETWORK & Digital Video | | |
| Video Compression | | |
| Compression | MPEG-4 ASP Complan | |
| Picture Resolution | Full D1 (720x480 in NTSC, 720x576 in PAL) CIF (352x240 in NTSC, 352x288 in PAL) QCIF (160x112 in NTSC, 176x144 in PAL) | |
| Bit Rate | 28K ~ 3M bps | |
| Image Frame Rate | 30fps at full D1 resolution (NTSC) 25fps at full D1 resolution (PAL) | |
| Multi-stream | Up to 4 configurable frame rate / bit rates streams for preview and recording | |
| Network | | |
| LAN port | Ethernet(10/100 Base-T) | |
| WAN port | Ethernet(10/101 Base-T) | |
| Software | | |
| Web browser | Microsoft Internet Explorer 6.0 or above | |
| SDK | ActiveX control, C SDK | |
| Security | Password Protection: Configured by the Administrator | |
| Mechanical/Environment | | |
| Operating temperature | -40 °C ~ 60 °C | |
| Operating humidity | 20% ~ 80% RH | |
| Storage temperature | -20 °C ~ 60 °C | |
| Dimensions(øxH) | 216.6mm X 324.0mm (height) | |
| Weight | 3500g approx. | |
| Electrical | | |
| Power requirement | AC24V +/-10% | |
| Power consumption | 52.5W (max.) | |
| Regulation | | |
| Vandal proof | 750KG (1653 lb) impact resistance | |
| Water proof | IP67 (With Heater and Blower) | |
| Applications (Optional) | Pendant Pipe Mount (SAD702) / Simple Wall Mount (SAD703) / Wall Mount with Power Box (SAD704) / Pendant Pipe Mount with Power Box(SAD705) / Parapet Wall Mount (SAD706) / Corner Mount(SAD707) / Pole Adaptor (SAD708) / Pipe Extension Bracket(SAD709) / Sun Shield(SAD710) | |
| Ordering information | NIC950PRO-HN2-US Power Cord | (US) NIC950PRO-HP2-EU Power Cord (EU) NIC950PRO-HP2-UK Power Cord (UK) |

Version 2008.06.06