



NIC910M Series Color Camera Network High speed PTZ DSP dome camera

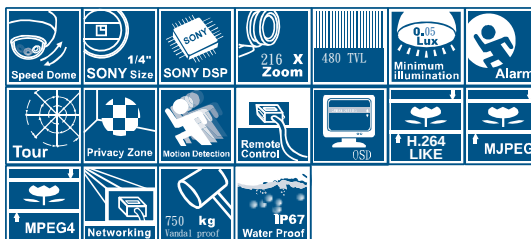
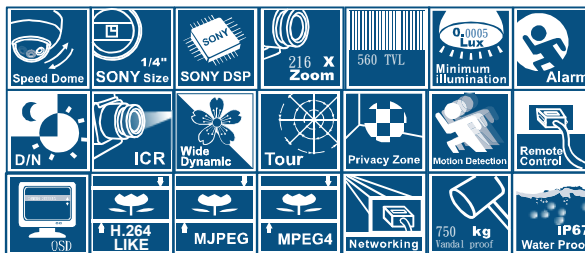


Image system	NTSC	PAL
Lens		
Image Sensor	1/4" SONY SuperHAD CCD	
Optical zoom	F1.4 ~ F3.0	
Focal length	f=4.1-73.8mm	
View Angle	48.0°(wide end) to 2.8°(tele end)	
Effective pixels(HxV)	380K pixels approx.	440K pixels approx.
Scanning system	2:1 Interlace V: 59.94Hz, H: 15.734KHz	2:1 Interlace, V: 50Hz, H: 15.625KHz
Sync system	Internal / line-lock	
Video output	1Vpp composite output, 75 ohm	
Horizontal resolution	480 TV lines	
S/N ratio	More than 50 dB	
Zoom limit	UP TO 216X (optical 18X, 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: 0.05 lux (F1.4, 1/60(1/50)sec. 10 IRE)	
Gain control	Auto	
White balance	Auto, ATW, One-push	
Electric shutter	1/50 (1/60) to 1/10,000sec. 16 Steps	
Auto slow shutter	On / Off	
AE control	Auto / manual / backlight compensation	
EV compensation	-10.5~+10.5dB(15 steps)	
Backlight Compensation	On / off	
Alarm function	Yes	
Day/Night mode	-----	
Flickerless	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	
Manual tilt speed	150°/sec	
Preset speed	0.1°/s: max dig. zoom ; 0.4°/s :max opt. Zoom	
Proportional P/T	Pan: 430°/sec(max); Tilt: 200°/sec (max)	
Pan/Tilt limit	Provided	
Auto Flip	user definable	
Zoom Limit	on/off	
Programmable Preset	x18,x36,x72,x144,x216,	
Programmable Tours	256 points	
Privacy zone	4 pattern tours memorizing up to 6 mins of manual control	
Scan function	On / off, up to 24 zones (3D Privacy Zone)	
Alarm	Random frame and auto-scan selectable	
Preset titles	6 inputs / 1 output	
Password protection	Max 20 characters	
Other Superior Functions	alphanumeric Dome OSD setup protection	
Remote control	Super Fine Pan for 0.02° Accuracy / Motion Detection / Scheduling	
Remote control	MESSOA P/D (Also support Pelco P/D, GE, Bosch, Emitec, Tyco)	
Special Commands	support absolute(X, Y, Z) position	
Interface	RS485 (2-wire)	
Baud Rate	2400,4800,9600,19200 bit/s(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	H.264/MPEG-4/Motion-JPEG	
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	3800g approx.	
Electrical		
Power requirement	AC24V +/10%	
Power consumption	52.5W (max.) NIC911 series without heater and blower.(22.5 W)	
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	NIC910M-HN2-US (US Power Cord)	NIC910M-HP2 -EU (EU Power Cord)
		NIC910M-HP2 -UK (UK Power Cord)

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NIC910PRO Series Color Camera Network High speed PTZ DSP dome camera

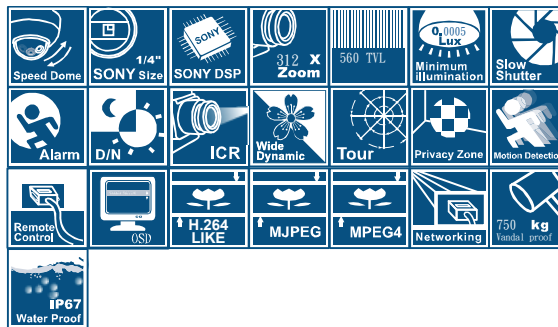


	NTSC	PAL
Image system		
Lens	1/4" SONY Exview HAD CCD	
Image Sensor	F1.4 ~ F3.0	
Optical zoom	f=4.1~73.8mm	
Focal length	2.8"~48.0"	
View Angle		
Effective pixels (HxV)	380K pixels approx.	440K pixels approx.
Scanning system	2:1 Interface V: 59.94Hz, H: 15.734KHz	2:1 Interface, V: 50Hz, H: 15.625KHz
Sync system	Internal / line-lock	
Video output	1Vpp composite output, 75 ohm	
Horizontal resolution	560 TVL	
S/N ratio	More than 50 dB	
Zoom limit	UP TO 216X (optical 18X, 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: 0.05 lux (F1.6, 1/60(1/50)sec. ICR OFF, 10 IRE) Slow shutter mode: 0.0035 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, Indoor, Outdoor, One-push, Manual	
Electric shutter	1/1 to 1/10,000sec. 22 Steps	
Auto slow shutter	On/Off (Max 1.0S)	
AE control	Auto, Manual, Priority mode, Bright, EV compensation, Back-light compensation	
EV compensation	-10.5~+10.5dB(15 steps)	
Backlight Compensation	On / off	
Alarm function	Yes	
Day/Night mode	Auto / manual	
Flickerless	Yes	
Wide dynamic	Yes, 128X	
Picture Effect		
Mirror Image	Yes	
P/T Operation		
Pan Range	360° continuous	
Tilt range	92° (outdoor) / 85° (indoor)	
Manual Pan speed	0.1°/s	
Manual Pan speed (turbo)	150°/sec	
Manual tilt speed	0.1°/s	
Preset speed	0.1°/s	
Proportional P/T	Pan: 430°/sec(max), Tilt: 200°/sec (max)	
Pan/Tilt limit	Provided	
Auto Flip	user definable	
Zoom Limit	on/off	
Programmable Preset	x18,x36,x72,x144,x216	
Programmable Tours	256 points	
Privacy zone	4 pattern tours memorizing up to 6 mins of manual control	
Scan function	On / off, up to 24 zones (3D Privacy Zone)	
Alarm	Random, frame and auto-scan selectable	
Preset titles	6 inputs / 1 output	
Password protection	Max 20 characters	
Other Superior Functions	alphanumeric Dome OSD setup protection	
Remote control	Super Fine Pan for 0.02° Accuracy/ Motion Detection / Scheduling	
Remote control	MESSOA P/D (Also support Pelco-P/D, GE, Bosch, Emitec, Tyco)	
Special Commands	support absolute(X, Y, Z) position	
Interface	RS485	
Baud Rate	2400, 4800, 9600, 19200 bti/s(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	H.264/MPEG-4/Motion-JPEG	
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 tps	
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 (-40°F~140°F)	
Operating humidity	20% ~ 80% RH	
Storage temperature	-20 °C ~ 60 °C (-4°F~140°F)	
Dimensions(exH)	216.6mm X 324.0mm (8.53" X 12.8") (height)	
Weight	3800g (8.14 lb) 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 S	
Ordering information	NIC910PRO-HN2-US (US Power Cord)	NIC910PRO-HP2-EU (EU Power Cord)
		NIC910PRO-HP2-UK (UK Power Cord)

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NIC930PRO Series Color Camera Network High speed PTZ DSP dome camera



	NTSC	PAL
Image system		
Lens	1/4" SONY Exview HAD CCD	
Image Sensor	F1.6 ~ F3.8	
Optical zoom	f=3.5 mm (wide) to 91.0 mm (tele)	
Focal length	54.2" (wide end) to 2.2" (tele end)	
View Angle		
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
Video output	1Vpp composite output, 75 ohm	
Horizontal resolution	560 TV Lines	
S/N ratio	More than 50 dB	
Zoom limit	UP TO 312X (optical 26X, 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: 0.05 lux (F1.6, 1/60(1/50)sec. ICR OFF, 10 IRE) Slow shutter mode: 0.0035 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, Indoor, Outdoor, One-push, Manual	
Electric shutter	1/1 to 1/10,000sec. 22 Steps	
Auto slow shutter	On/Off (Max 1.0S)	
AE control	Auto, Manual, Priority mode, Bright, EV compensation, Back-light compensation	
EV compensation	-10.5~+10.5dB(15 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° (outdoor) / 85° (indoor)	
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	
Manual tilt speed	0.1°/s: max dig. zoom : 0.4°/s :max opt. Zoom	
Preset speed	Pan: 430°/sec(max); Tilt: 200°/sec (max)	
Proportional P/T	Provided	
Pan/Tilt limit	user definable	
Auto Flip	on/off	
Zoom Limit	x26 x52 x104 x208 x312	
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	alphanumerical 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	H.264/MPEG-4/Motion-JPEG	
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 (-40°F~140°F)	
Operating humidity	20% ~ 80% RH	
Storage temperature	-20 °C ~ 60 °C (-4°F~140°F)	
Dimensions(exH)	216.6mm X 324.0mm (85.3" * 12.8") (height)	
Weight	3800g (8.14 lb) 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	NIC930PRO-HN2-US (US Power Cord)	NIC930PRO-HP2 -EU (EU Power Cord)
		NIC930PRO-HP2 -UK (UK Power Cord)

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NIC950PRO Series Color Camera Network High speed PTZ DSP dome camera

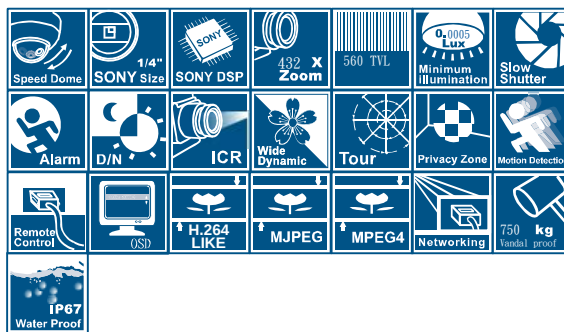


Image system	NTSC	PAL
Lens	1/4" SONY Exview HAD CCD	
CCD	F1.6 - F4.5	
Optical zoom	f=3.4 mm (wide) to 122.4 mm (tele)	
Focal length	57.8" (wide end) to 1.7" (tele end)	
View Angle	320mm (wide end) to 1500mm (tele end)	
Minimum Working Distance	380K pixels approx.	
Effective pixels(HxV)	440K pixels approx.	
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	560 TV Lines	
S/N ratio	More than 50 dB	
Zoom limit	UP TO 432X (optical 36X, digital 12X)	
Focusing system	Auto (sensitivity: normal, low), One-push AF: Manual, Infinity, Interval AF, Zoom Trigger AF	
Focus	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)	
Minimum illumination	Auto	
Gain control	Auto, ATW, One-push	
White balance	1/1 to 1/10,000sec. 22 Steps	
Electric shutter	On / Off	
Auto slow shutter	Auto, Manual, Priority mode, Bright, EV compensation, Backlight compensation	
AE control	-10.5 ~ +10.5dB (1.5dB steps)	
EV compensation	On / off	
Backlight Compensation	Yes	
Alarm function	Auto / manual	
Day/Night mode	Yes	
Flickerless	YES	
Wide dynamic	YES	
Picture Effect	Yes	
Mirror Image	Yes	
P/T Operation	360° continuous	
Pan Range	92°	
Tilt range	0.1 - 90°/s	
Manual Pan speed	0.1°/s: max dig. zoom; 0.4°/s: max opt. zoom	
Manual Pan speed (turbo)	150°/sec	
Manual tilt speed	0.1 - 45°/s	
Manual tilt speed	0.1°/s: max dig. zoom; 0.4°/s: max opt. Zoom	
Preset speed	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	MESSOA P/D (Also support Pelco-P/D, GE, Bosch, Erntec, Tyco)	
Remote control	support absolute(X, Y, Z) position	
Special Commands	RS485	
Interface	2400, 4800, 9600, 19200 bits(DIP-sw selectable)	
Baud Rate	2400, 4800, 9600, 19200 bits(DIP-sw selectable)	
OSD	English, Simplified Chinese, Traditional Chinese, Spanish, Portuguese, French, Japanese, Germany, Polish, Italian	
Multi language support	English, Simplified Chinese, Traditional Chinese, Spanish, Portuguese, French, Japanese, Germany, Polish, Italian	
NETWORK & Digital Video		
Video Compression	H.264/MPEG-4/Motion-JPEG	
Compression	Full D1 (720x480 in NTSC, 720x576 in PAL) CIF (352x240 in NTSC, 352x288 in PAL) QCIF (160x112 in NTSC, 176x144 in PAL)	
Picture Resolution	28K ~ 3M bps	
Bit Rate	30fps at full D1 resolution (NTSC) 25fps at full D1 resolution (PAL)	
Image Frame Rate	Up to 4 configurable frame rate/bit rates streams for preview and recording	
Multi-stream		
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 (-40°F ~ 140°F)	
Operating humidity	20% ~ 80% RH	
Storage temperature	-20 °C ~ 60 °C (-4°F ~ 140°F)	
Dimensions(øxH)	216.6mm X 324.0mm (8.5" X 12.8") (height)	
Weight	3800g (8.14 lb) 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 (US Power Cord)	NIC950PRO-HP2-EU (EU Power Cord)
		NIC950PRO-HP2-UK (UK Power Cord)

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