

MESSOA

Product Comparison Guide

Network Cameras
LPR/ANPR Cameras
Analog Cameras
IR Illuminators
Standalone NVR

Spring 2015

Our Image, Your Message.



Maven Series

Professional-grade network designed with enhanced performance

- Exceptional image performance powered by Lumii 2.0
- Auto focus adaptation by day/night switch
- Live View e-PTZ, ROI & Smart encoding
- Enhanced network security and Support IPv6 protocol
- Built-in Heater powered by PoE
- Low Power Consumption

Indoor		Outdoor		
3MP	5MP	3MP	3MP	5MP



Model Name	NCB355	NCB358	NCR375	NCR365	NCR368
Image Sensor	1/3" CMOS	1/3.2" CMOS	1/3" CMOS	1/3" CMOS	1/3.2" CMOS
Lens Type	Compatible DC IRIS lens available	Compatible DC IRIS lens available	Fixed	Motorized Varifocal	Motorized Varifocal
F-number	-	-	F2.0	F1.2	F1.2
Focal Length	-	-	f=2.8mm	f=3~9mm (3X)	f=3~9mm (3X)
Horizontal View Angle	-	-	90° ± 5%	78°~28°	78°~28°
Day / Night	Mechanical ICR Filter	Mechanical ICR Filter	Mechanical ICR Filter	Mechanical ICR Filter	Mechanical ICR Filter
IR Distance	-	-	25 meters (82ft)	30 meters (98ft)	30 meters (98ft)
Min. Illumination (lux@50IRE)	0.1 (Color) / 0.02 (B/W)	0.15 (Color) / 0.03 (B/W)	0.3 (Color) / 0 (IR on)	0.1 (Color) / 0 (IR on)	0.15 (Color) / 0 (IR on)
Max. Frame Rate @ Max. Resolution	30fps @ 1920 x 1080 (NTSC) 25fps @ 1920 x 1080 (PAL) 15fps @ 2048 x 1536	30fps @ 1920 x 1080 (NTSC) 25fps @ 1920 x 1080 (PAL) 15fps @ 2048 x 1536 12fps @ 2592 x 1944	30fps @ 1920 x 1080 (NTSC) 25fps @ 1920 x 1080 (PAL) 15fps @ 2048 x 1536	30fps @ 1920 x 1080 (NTSC) 25fps @ 1920 x 1080 (PAL) 15fps @ 2048 x 1536	30fps @ 1920 x 1080 (NTSC) 25fps @ 1920 x 1080 (PAL) 15fps @ 2048 x 1536 12fps @ 2592 x 1944
Video Compression	H.264 / MJPEG	H.264 / MJPEG	H.264 / MJPEG	H.264 / MJPEG	H.264 / MJPEG
Enhanced WDR	Yes	Yes	YES	Yes	Yes
Intelligent Video	Motion / Ethernet Detection, Optimized i-frame	Motion / Ethernet Detection, Optimized i-frame	Motion / Ethernet Detection, Optimized i-frame	Motion / Ethernet Detection, Optimized i-frame	Motion / Ethernet Detection, Optimized i-frame
Audio Support	2-way audio	2-way audio	-	2-way audio	2-way audio
Alarm Input / Output	1 / 1	1 / 1	1 / 0	1 / 1	1 / 1
Local Storage**	SDHC/SDXC card*	SDHC/SDXC card*	microSDHC/SDXC card (optional)*	microSDHC/SDXC card*	microSDHC/SDXC card*
Power Source	DC12V / AC24V / PoE	DC12V / AC24V / PoE	AC24V / PoE	AC24V / PoE	AC24V / PoE
Operating Temperature	-10°C~50°C (14°F~122°F)	-10°C~50°C (14°F~122°F)	-40°C~50°C (-40°F~122°F)	-40°C~50°C (-40°F~122°F)	-40°C~50°C (-40°F~122°F)
Protection	-	-	IP67, Vandal-resistant	IP67 Certified, IP68 Compliant, IK10	IP67 Certified, IP68 Compliant, IK10
Other Features	3DNR Easy back focus adjustment	3DNR Easy back focus adjustment	Built-in heater powered by PoE 3-axis cable management	Built-in heater powered by PoE 3-axis cable management Remote zoom / Auto focus Day/Night intelligent Back Focus	Built-in heater powered by PoE 3-axis cable management Remote zoom / Auto focus Day/Night intelligent Back Focus

* Memory card not included.

** No memory card slot & local storage function for Argentina and Ecuador.





	Indoor					
	1MP	3MP	3MP	5MP	5MP	5MP
						 Fisheye
Model Name	NID321	NID325	NID335	NID338	NID318	UFD706
Image Sensor	1/4" CMOS	1/3" CMOS	1/3" CMOS	1/3.2" CMOS	1/3.2" CMOS	1/3.2" CMOS
Lens Type	Varifocal	Varifocal	Motorized Varifocal	Motorized Varifocal	Fixed	Fixed
F-number	F1.4	F1.2	F1.2	F1.2	F1.8	F1.8
Focal Length	f=2.8~10mm	f=3~9mm	f=3~9mm (3X)	f=3~9mm (3X)	f=2.8mm	f=1.4mm
Horizontal View Angle	68°~23°	78°~28°	78°~28°	78°~28°	78°	180° (horizontal / vertical / diagonal)
Day / Night	Mechanical ICR Filter	Mechanical ICR Filter	Mechanical ICR Filter	Mechanical ICR Filter	Mechanical ICR Filter	Mechanical ICR Filter
IR Distance	-	-	-	-	10 meters (33ft)	-
Min. Illumination (lux@50IRE)	0.1 (Color) / 0.02 (B/W)	0.1 (Color) / 0.02 (B/W)	0.1 (Color) / 0.02 (B/W)	0.15 (Color) / 0.03 (B/W)	0.4 (Color) / 0 (IR on)	0.4 (Color)
Max. Frame Rate @ Max. Resolution	30fps @ 1280 x 720 (NTSC) 25fps @ 1280 x 720 (PAL)	30fps @ 1920 x 1080 (NTSC) 25fps @ 1920 x 1080 (PAL) 15fps @ 2048 x 1536	30fps @ 1920 x 1080 (NTSC) 25fps @ 1920 x 1080 (PAL) 15fps @ 2048 x 1536	30fps @ 1920 x 1080 (NTSC) 25fps @ 1920 x 1080 (PAL) 15fps @ 2048 x 1536 12fps @ 2592 x 1944	30fps @ 1920 x 1080 (NTSC) 25fps @ 1920 x 1080 (PAL) 15fps @ 2048 x 1536 12fps @ 2592 x 1944	30fps @ 1920 x 1080 (NTSC) 25fps @ 1920 x 1080 (PAL) 15fps @ 2048 x 1536 12fps @ 2592 x 1944
Video Compression	H.264 / MJPEG	H.264 / MJPEG	H.264 / MJPEG	H.264 / MJPEG	H.264 / MJPEG	H.264 / MJPEG
Enhanced WDR	Yes	Yes	Yes	Yes	Yes	Yes
Intelligent Video	Motion / Ethernet Detection, Optimized i-frame	Motion / Ethernet Detection, Optimized i-frame	Motion / Ethernet Detection, Optimized i-frame	Motion / Ethernet Detection, Optimized i-frame	Motion / Ethernet Detection, Optimized i-frame	Motion / Ethernet Detection, Optimized i-frame
Audio Support	2-way audio	2-way audio	2-way audio	2-way audio	-	-
Alarm Input / Output	1 / 1	1 / 1	1 / 1	1 / 1	-	-
Local Storage**	SDHC/SDXC card*	SDHC/SDXC card*	SDHC/SDXC card*	SDHC/SDXC card*	SDHC/SDXC card*	SDHC/SDXC card*
Power Source	DC12V / AC24V / PoE	DC12V / AC24V / PoE	DC12V / AC24V / PoE	DC12V / AC24V / PoE	PoE	PoE
Operating Temperature	-10°C~50°C (14°F~122°F)	-10°C~50°C (14°F~122°F)	-10°C~50°C (14°F~122°F)	-10°C~50°C (14°F~122°F)	-10°C~50°C (14°F~122°F)	-10°C~50°C (14°F~122°F)
Protection	-	-	-	-	-	-
Other Features	3-axis lens adjustment	3-axis lens adjustment	3-axis lens adjustment Remote zoom / Auto focus Day/Night intelligent Back Focus	3-axis lens adjustment Remote zoom / Auto focus Day/Night intelligent Back Focus	3-axis lens adjustment	3-axis lens adjustment

* Memory card not included.

** No memory card slot & local storage function for Argentina and Ecuador.



Model Name	NOD385	NOD395	NOD398	UFD301	UFD305	PTZ900
Image Sensor	1/3" CMOS	1/3" CMOS	1/3.2" CMOS	1/4" CMOS	1/3" CMOS	1/2.8" CMOS
Lens Type	Varifocal	Motorized Varifocal	Motorized Varifocal	Fixed	Fixed	Auto Focus Varifocal
F-number	F1.2	F1.2	F1.2	F1.8	F1.8	F1.8~F2.5
Focal Length	f=3~9mm	f=3~9mm (3X)	f=3~9mm (3X)	f=3.6mm	f=3.6mm	f=6.3~63.3mm (10X)
Horizontal View Angle	78°~28°	78°~28°	78°~28°	63°	83°	41°~4.5°
Day / Night	Mechanical ICR Filter	Mechanical ICR Filter	Mechanical ICR Filter	Digital	Digital	Digital
IR Distance	20 meters (65ft)	25 meters (82ft)	25 meters (82ft)	-	-	-
Min. Illumination (lux@50IRE)	0.1 (Color) / 0 (IR on)	0.1 (Color) / 0 (IR on)	0.15 (Color) / 0 (IR on)	0.3 (Color) / 0.2 (B/W)	0.4 (Color) / 0.3 (B/W)	0.4 (Color) / 0.25 (B/W)
Max. Frame Rate @ Max. Resolution	30fps @ 1920 x 1080 (NTSC) 25fps @ 1920 x 1080 (PAL) 15fps @ 2048 x 1536	30fps @ 1920 x 1080 (NTSC) 25fps @ 1920 x 1080 (PAL) 15fps @ 2048 x 1536	30fps @ 1920 x 1080 (NTSC) 25fps @ 1920 x 1080 (PAL) 15fps @ 2048 x 1536 12fps @ 2592 x 1944	30fps @ 1280 x 720 (NTSC) 25fps @ 1280 x 720 (PAL)	30fps @ 1920 x 1080 (NTSC) 25fps @ 1920 x 1080 (PAL) 15fps @ 2048 x 1536	30fps @ 1920 x 1080 (NTSC) 25fps @ 1920 x 1080 (PAL) 15fps @ 2048 x 1536
Video Compression	H.264 / MJPEG	H.264 / MJPEG	H.264 / MJPEG	H.264 / MJPEG	H.264 / MJPEG	H.264 / MJPEG
Enhanced WDR	Yes	Yes	Yes	Yes	Yes	Yes
Intelligent Video	Motion / Ethernet Detection, Optimized i-frame	Motion / Ethernet Detection, Optimized i-frame	Motion / Ethernet Detection, Optimized i-frame	Motion / Ethernet Detection, Optimized i-frame	Motion / Ethernet Detection, Optimized i-frame	Motion / Ethernet Detection, Optimized i-frame
Audio Support	2-way audio	2-way audio	2-way audio	-	2-way audio (built-in mic)	2-way audio
Alarm Input / Output	1 / 1	1 / 1	1 / 1	-	1 / 1	1 / 1
Local Storage**	microSDHC/SDXC card*	microSDHC/SDXC card*	microSDHC/SDXC card*	-	microSDHC/SDXC card*	SDHC/SDXC card*
Power Source	AC24V / PoE	AC24V / PoE	AC24V / PoE	DC12V (optional) / PoE	DC12V / PoE	DC12V / AC24V / PoE
Operating Temperature	-50°C~50°C (-58°F~122 °F)	-50°C~50°C (-58°F~122°F)	-50°C~50°C (-58°F~122°F)	-40°C~50°C (-40°F~122°F)	-40°C~50°C (-40°F~122°F)	-10°C~50°C (14°F~122°F)
Protection	IP66 Certified IP67 / IP68 Compliant IK10 Compliant	IP66 Certified IP67 / IP68 Compliant IK10 Compliant	IP66 Certified IP67 / IP68 Compliant IK10 Compliant	IP66 Certified IP67 / IP68 Compliant IK10 Compliant	IP66 Certified IP67 / IP68 Compliant IK10 Compliant	-
Other Features	Built-in Heater Power by PoE Patented demist design Easy in-ceiling mount	Built-in heater power by PoE Patented demist design Easy in-ceiling mount Remote zoom / Auto focus Day/Night intelligent Back Focus	Built-in heater power by PoE Patented demist design Easy in-ceiling mount Remote zoom / Auto focus Day/Night intelligent Back Focus	Built-in heater power by PoE 3-axis spherical lens adjustment EN50155 Certified M12 Connector Cable (optional)	Built-in heater power by PoE 3-axis spherical lens adjustment EN50155 Certified M12 Connector Cable (optional)	Event snapshot 64 preset go-to and 14 patrol tours Remote zoom / Auto focus

* Memory card not included.

** No memory card slot & local storage function for Argentina and Ecuador.

Pro Series

Professional-grade network video solutions for mainstream surveillance applications

- Superb video quality in Full HD and 5-megapixel optimized for low light conditions
- Smooth high-motion surveillance supported by full frame rate video
- Smart IP video made possible by MegaSmart™ intelligent video management
- Optimal image sharpness with built-in DC IRIS control
- Noise-free low light images with even IR illumination



	Indoor		Outdoor	
	2MP	5MP	2MP	2MP
Model Name	NCB855PRO	NCB858	NCR870S(H)	NCR875PRO(H)
Image Sensor	1/2.7" CMOS	1/3.2" CMOS	1/2.7" CMOS	1/2.7" CMOS
Lens Type	Compatible DC IRIS lens available	Compatible DC IRIS lens available	Fixed	Varifocal
F-number	-	-	F=2.0	F1.2
Focal Length	-	-	f=3.1mm	f=3~9mm
Horizontal View Angle	-	-	77° ± 5%	93°~31.7°
Day / Night	Mechanical ICR Filter	Mechanical ICR Filter	Mechanical ICR Filter	Mechanical ICR Filter
IR Distance	-	-	25 meters (82ft)	25 meters (82ft)
Min. Illumination (lux@50IRE)	0.2 (Color) / 0.04 (B/W)	0.6 (Color) / 0.5 (B/W)	0.5 (Color) / 0 (IR on)	0.2 (Color) / 0 (IR on)
Max. Frame Rate @ Max. Resolution	30fps @ 1920 x 1080 (NTSC) 25fps @ 1920 x 1080 (PAL)	30fps @ 1920 x 1080 (NTSC) 25fps @ 1920 x 1080 (PAL) 20fps @ 2048 x 1536 10fps @ 2592 x 1944	30fps @ 1280 x 720 (NTSC) 25fps @ 1280 x 720 (PAL) 15fps @ 1920 x 1080 (NTSC) 12fps @ 1920 x 1080 (PAL)	30fps @ 1920 x 1080 (NTSC) 25fps @ 1920 x 1080 (PAL)
Video Compression	H.264 / MPEG-4 / MJPEG	H.264 / MPEG-4 / MJPEG	H.264 / MPEG-4 / MJPEG	H.264 / MPEG-4 / MJPEG
WDR	Yes	Yes	Yes	Yes
Intelligent Video	Face / Motion / Audio / Blur / Ethernet Detection, Smart Focus, Smart Encoding, ePTZ, Optimized i-frame	Face / Motion / Audio / Blur / Ethernet Detection, Smart Focus, Smart Encoding, ePTZ, Optimized i-frame	Motion detection, ePTZ	Face / Motion / Audio / Blur / Ethernet Detection, Smart Focus, Smart Encoding, ePTZ, Optimized i-frame
Audio Support	2-way audio	2-way audio	-	2-way audio
Alarm Input / Output	2 / 1	2 / 1	-	2 / 1
Local Storage**	microSD/SDHC card*	microSD/SDHC card*	-	microSD/SDHC card*
Power Source	DC12V / AC24V / PoE	DC12V / AC24V / PoE	DC12V / AC24V / PoE DC24V / AC24V [Heater]	DC12V / AC24V / PoE DC24V / AC24V [Heater]
Operating Temperature	-10°C~50°C (14°F~122°F)	-10°C~50°C (14°F~122°F)	-10°C~50°C (14°F~122°F) -40°C~50°C (-40°F~122°F) [Heater]	-10°C~50°C (14°F~122°F) -40°C~50°C (-40°F~122°F) [Heater]
Protection	-	-	IP67, Vandal-resistant	IP67, Vandal-resistant
Other Features	Easy back focus adjustment	Easy back focus adjustment	Cable management Optional built-in heater	Cable management Optional built-in heater

* Memory card not included.

** No memory card slot & local storage function for Argentina and Ecuador.



	Outdoor 5MP	Indoor 2MP		Outdoor 2MP	
	NCR878	NDF820PRO	NDF821PRO	NDF831PRO	NDR891PRO(H)
Model Name	NCR878	NDF820PRO	NDF821PRO	NDF831PRO	NDR891PRO(H)
Image Sensor	1/3.2" CMOS	1/2.7" CMOS	1/2.7" CMOS	1/2.7" CMOS	1/2.7" CMOS
Lens Type	Varifocal	Fixed	Varifocal	Varifocal	Varifocal
F-number	F1.2	F1.5	F1.2	F1.2	F1.2
Focal Length	f=3~9mm	f=4mm	f=3~9mm	f=3~9mm	f=3~9mm
Horizontal View Angle	83°~29°	65.4°	93°~31.7°	93°~31.7°	93°~31.7°
Day / Night	Mechanical ICR Filter	Digital	Mechanical ICR Filter	Mechanical ICR Filter	Mechanical ICR Filter
IR Distance	20 meters (66 ft)	-	-	-	25 meters (82ft)
Min. Illumination (lux@50IRE)	0.6 (Color) / 0 (IR on)	0.4 (Color) / 0.2 (B/W)	0.3 (Color) / 0.1 (B/W)	0.3 (Color) / 0.1 (B/W)	0.3 (Color) / 0 (IR on)
Max. Frame Rate @ Max. Resolution	30fps @ 1920 x 1080 (NTSC) 25fps @ 1920 x 1080 (PAL) 20fps @ 2048 x 1536 10fps @ 2592 x 1944	30fps @ 1920 x 1080 (NTSC) 25fps @ 1920 x 1080 (PAL)	30fps @ 1920 x 1080 (NTSC) 25fps @ 1920 x 1080 (PAL)	30fps @ 1920 x 1080 (NTSC) 25fps @ 1920 x 1080 (PAL)	30fps @ 1920 x 1080 (NTSC) 25fps @ 1920 x 1080 (PAL)
Video Compression	H.264 / MPEG-4 / MJPEG	H.264 / MPEG-4 / MJPEG	H.264 / MPEG-4 / MJPEG	H.264 / MPEG-4 / MJPEG	H.264 / MPEG-4 / MJPEG
WDR	Yes	Yes	Yes	Yes	Yes
Intelligent Video	Face / Motion / Audio / Blur / Ethernet Detection, Smart Focus, Smart Encoding, ePTZ, Optimized i-frame	Face / Motion / Audio / Blur / Ethernet Detection, Smart Focus, Smart Encoding, ePTZ, Optimized i-frame	Face / Motion / Audio / Blur / Ethernet Detection, Smart Focus, Smart Encoding, ePTZ, Optimized i-frame	Face / Motion / Audio / Blur / Ethernet Detection, Smart Focus, Smart Encoding, ePTZ, Optimized i-frame	Face / Motion / Audio / Blur / Ethernet Detection, Smart Focus, Smart Encoding, ePTZ, Optimized i-frame
Audio Support	2-way audio	-	2-way audio	2-way audio	2-way audio
Alarm Input / Output	2 / 1	-	2 / 1	2 / 1	2 / 1
Local Storage**	microSD/SDHC card*	-	microSD/SDHC card*	microSD/SDHC card*	microSD/SDHC card*
Power Source	DC12V / AC24V / PoE	DC12V / AC24V / PoE	DC12V / AC24V / PoE	DC12V / AC24V / PoE	DC12V / AC24V / PoE DC24V / AC24V [Heater]
Operating Temperature	-10°C~50°C (14°F~122°F)	-10°C~50°C (14°F~122°F)	-10°C~50°C (14°F~122°F)	-10°C~50°C (14°F~122°F)	-10°C~50°C (14°F~122°F) -40°C~50°C (-40°F~122°F) [Heater]
Protection	IP67, Vandal-resistant	Vandal Bubble	Vandal Bubble	IP67, IK10	IP67, IK10
Other Features	Cable management	Smart Focus 3-axis lens adjustment	Smart Focus 3-axis lens adjustment	Smart Focus 3-axis lens adjustment	Smart Focus, 3-axis lens adjustment Optional built-in heater

* Memory card not included.

** No memory card slot & local storage function for Argentina and Ecuador.

LPR Series

Powerful license plate capture cameras powered by CatchAll Engine

- Full range of IP and Analog LPR camera solution
- Powered by award-winning CatchAll™ Engine designed exclusively for traffic surveillance applications
- Intelligent Traffic Mode for optimizing capture results in standard scenarios
- Headlight suppression ensures clear license plate capture
- Scheduled ICR Day/Night Switching and Profile Management facilitates installation and operation



	Outdoor		
	3MP	2MP	2MP
Model Name	LPR606	LPR610	LPR615
Image Sensor	1/3" CMOS	1/2.7" CMOS	1/2.7" CMOS
Lens Type	Varifocal	Varifocal	Varifocal
F-number	F1.5	F1.5	F1.6
Focal Length	f=9~22mm	f=15~50mm	f=8~80mm
Video Compression	H.264 / MJPEG	H.264 / MJPEG	H.264 / MJPEG
Effective Pixels (H x V)	2048 x 1536	1920 x 1080	1920 x 1080
Horizontal View Angle	30.6° (wide) ~ 13° (tele)	20.01° (wide) ~ 6.09° (tele)	38.16° (wide) ~ 3.5° (tele)
Day / Night	Mechanical ICR Filter	Mechanical ICR Filter	Mechanical ICR Filter
IR Distance	30 meters (98ft)	70 meters (229ft)	-
WDR	Yes	Yes	Yes
Target Plate Type	Reflective	Reflective	Reflective
Capture Lane	2	2	2
Suggested Max. Target Vehicle Speed	60km/h (38mph)	100km/h (62mph)	180km/h (112mph)
Suggested Capture Range	5~15m (16~50ft)	15~30m (50~100ft)	30~50m (100~164ft)
Power Source	AC24V / PoE (IEEE 802.3af)	AC24V	AC24V
Operating Temperature	AC24V: -40°C~50°C (-40°F~122°F) PoE: -10°C~50°C (13.9°F~122°F)	-30°C~50°C (-22°F~122°F)	-30°C~50°C (-22°F~122°F)
Protection	IP67, IK10	IP66	IP66

Outdoor

600TVL

600TVL

600TVL

600TVL



Model Name	SCR505	SCR506R	SCR510	SCR515PRO
Image Sensor	1/3" Exview HAD CCD	1/3" Exview HAD CCD	1/2" Exview HAD CCD	1/3" Exview HAD CCD
Lens Type	Varifocal	Varifocal	Fixed	Varifocal
F-number	F1.4	F1.4	F3.9~32	F1.3
Focal Length	f=9~22mm	f=9~22mm	f=75mm	f=7.5~50mm
Video Compression	-	-	-	-
Effective Pixels (HxV)	768 x 494 (NTSC) / 752 x 582 (PAL)	768 x 494 (NTSC) / 752 x 582 (PAL)	768 x 494 (NTSC) / 752 x 582 (PAL)	768 x 494 (NTSC) / 752 x 582 (PAL)
Horizontal View Angle	32.1° (wide) ~ 13.1° (tele)	32.1° (wide) ~ 13.1° (tele)	5.0°	36.6° (wide) ~ 5.64° (tele)
Day / Night	-	Mechanical ICR Filter	-	Mechanical ICR Filter
IR Distance	15 meters (49ft)	15 meters (49ft)	70 meters (229ft)	70 meters (229ft)
WDR	-	-	-	Yes
Target Plate Type	Reflective	Reflective	Reflective	Non-Reflective, Reflective
Capture Lane	1	1	1	1
Suggested Max. Target Vehicle Speed	90km/h (56mph)	30km/h (19mph)	200km/h (124mph)	200km/h (124mph)
Suggested Capture Range	3~8m (10~27ft)	3~8m (10~27ft)	15~30m (50~100ft)	10~50m (33~164ft)
Power Source	DC12V / AC24V	DC12V / AC24V	AC24V / AC90-260V	AC24V / AC90-260V
Operating Temperature	-10°C~50°C (13.9°F~122°F)	-10°C~50°C (13.9°F~122°F)	-30°C~50°C (-22°F~122°F)	-30°C~50°C (-22°F~122°F)
Protection	IP66	IP66	IP66	IP66

Speed Dome Series

Precision pan, tilt and zoom controls for wide area coverage

- Outstanding video quality in resolutions up to 3 megapixel
- Precision, high-speed pan/tilt capabilities and powerful zoom
- Outdoor-ready, rugged design with built-in heater for extreme temperature environment
- A wide variety of mounting brackets to fulfill installation requirements

ONVIF



	Outdoor		
	3MP	2MP	D1
Model Name	SPD970	NIC990	NIC910HPRO
Image Sensor	1/2.8" CMOS	1/2.8" CMOS	1/4" Exview HAD CCD
Lens Type	Auto Focus Varifocal	Auto Focus Varifocal	Auto Focus Varifocal
F-number	F1.6~F2.8	F1.6~F3.5	F1.4~F3.0
Focal Length	f=4.7~84.6mm	f=4.7~94mm	f=4.1~73.8mm
Horizontal View Angle	58° (wide) ~ 5° (tele) @ 3MP mode 56° (wide) ~ 4.05° (tele) @ Full HD mode	55.4° (wide) ~ 2.9° (tele)	48° (wide) ~ 2.8° (tele)
Optical Zoom	18X	20X	18X
Digital Zoom	10X	12X	12X
Day / Night	Mechanical ICR Filter	Mechanical ICR Filter	Mechanical ICR Filter
Min. Illumination (lux@50IRE)	0.65 (Color) / 0.25 (B/W)	1.7 (Color) / 0.3 (B/W)	0.2 (Color) / 0.02 (B/W)
Max. Frame Rate @ Max. Resolution	30fps @ 1920 x 1080 (NTSC) 25fps @ 1920 x 1080 (PAL) 15fps @ 2048 x 1536	30fps @ 1920 x 1080 (NTSC) 25fps @ 1920 x 1080 (PAL)	30 fps @ 720 x 480 (NTSC) 25 fps @ 720 x 576 (PAL)
Video Compression	H.264 / MJPEG	H.264 / MJPEG	H.264 / MPEG-4 / MJPEG
WDR	Yes	Yes	Yes
Audio Support	1-way audio	1-way audio	-
Alarm Input / Output	6 / 1	6 / 1	6 / 1
Local Storage**	microSDHC/SDXC card (16GB, Class 10 microSDHC card included)	microSD/SDHC card*	-
Power Source	AC24V / PoE+	AC24V / PoE+	AC24V
Operating Temperature	PoE+ : -10°C~50°C (14°F~122°F) AC24V : -40°C~50°C (-40°F~122°F)	PoE+ : -10°C~50°C (14°F~122°F) AC24V : -40°C~50°C (-40°F~122°F)	-30°C~50°C (-22°F~122°F)
Protection	IP67, IK10	IP67, IK10	IP67, IK10
Other Features	3DNR, Built-in heater	3DNR, Built-in heater	3DNR, Image Stabilizer

* Memory card not included.

** No memory card slot & local storage function for Argentina and Ecuador.



Model Name	NIC930HPRO	NIC950HPRO	SDS710PRO	SDS730PRO	SDS750PRO
Image Sensor	1/4" Exview HAD CCD	1/4" Exview HAD CCD	1/4" Exview HAD CCD	1/4" Exview HAD CCD	1/4" Exview HAD CCD
Lens Type	Auto Focus Varifocal	Auto Focus Varifocal	Varifocal	Varifocal	Varifocal
F-number	F1.35~F3.7	F1.6~F4.5	F1.4~F3.0	F1.35~F3.7	F1.6~F4.5
Focal Length	f=3.5~98mm	f=3.4~122.4mm	f=4.1~73.8mm	f=3.5~98mm	f=3.4~122.4mm
Horizontal View Angle	55.8° (wide) ~ 2.1° (tele)	57.8° (wide) ~ 1.7° (tele)	48° (wide) ~ 2.8° (tele)	55.8° (wide) ~ 2.1° (tele)	57.8° (wide) ~ 1.7° (tele)
Optical Zoom	28X	36X	18X	28X	36X
Digital Zoom	12X	12X	12X	12X	12X
Day / Night	Mechanical ICR Filter	Mechanical ICR Filter	Mechanical ICR Filter	Mechanical ICR Filter	Mechanical ICR Filter
Min. Illumination (lux@50IRE)	0.2 (Color) / 0.02 (B/W)	0.2 (Color) / 0.03 (B/W)	0.2 (Color) / 0.02 (B/W)	0.2 (Color) / 0.02 (B/W)	0.2 (Color) / 0.03 (B/W)
Max. Frame Rate @ Max. Resolution	30 fps @ 720 x 480 (NTSC) 25 fps @ 720 x 576 (PAL)	30 fps @ 720 x 480 (NTSC) 25 fps @ 720 x 576 (PAL)	30fps @ 720 x 480 (NTSC) 25fps @ 720 x 576 (PAL)	30fps @ 720 x 480 (NTSC) 25fps @ 720 x 576 (PAL)	30fps @ 720 x 480 (NTSC) 25fps @ 720 x 576 (PAL)
Video Compression	H.264 / MPEG-4 / MJPEG	H.264 / MPEG-4 / MJPEG	H.264 / MPEG-4 / MJPEG	H.264 / MPEG-4 / MJPEG	H.264 / MPEG-4 / MJPEG
WDR	Yes	Yes	Yes	Yes	Yes
Audio Support	-	-	-	-	-
Alarm Input / Output	6 / 1	6 / 1	6 / 1	6 / 1	6 / 1
Local Storage	-	-	-	-	-
Power Source	AC24V	AC24V	AC24V	AC24V	AC24V
Operating Temperature	-30°C~50°C (-22°F~122°F)	-30°C~50°C (-22°F~122°F)	-30°C~50°C (-22°F~122°F)	-30°C~50°C (-22°F~122°F)	-30°C~50°C (-22°F~122°F)
Protection	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10
Other Features	3DNR, Image Stabilizer	3DNR, Image Stabilizer	3DNR, Image Stabilizer	3DNR, Image Stabilizer	3DNR, Image Stabilizer

Analog Series

High-resolution, color analog cameras that meet today's general purpose security applications

- 12-bit image processing with superior low lux performance enhanced by Lumii™ Technology
- Wide range capture with top-tier varifocal lens
- Crystal-clear images at high-contrast scenes with WDR technology
- Easy setup and operation with intuitive, multi-language OSD menu
- Noise-free low light images with even IR illumination



Model Name	SCB237	SCB267	SCR357	SCR367	SCR368
Image Sensor	1/3" Exview HAD CCD	1/3" Exview HAD CCD	1/3" Exview HAD CCD	1/3" Exview HAD CCD	1/3" Exview HAD CCD
Lens Type	Compatible DC IRIS lens available	Compatible DC IRIS lens available	Fixed	Varifocal	Varifocal
F-number	-	-	F1.8	F1.4	F1.6
Focal Length	-	-	f=4.3mm	f=3.3~12mm	f=6~50mm
View Angle	-	-	Horizontal : 73.7° Vertical : 47.3°	Horizontal : 89.8° (wide) ~ 23.9° (tele) Vertical : 63.6° (wide) ~ 17.9° (tele)	Horizontal : 43.9° (wide) ~ 5.7° (tele) Vertical : 54.6° (wide) ~ 7.1° (tele)
Day / Night	-	Mechanical ICR Filter	Mechanical ICR Filter	Mechanical ICR Filter	Mechanical ICR Filter
IR Distance	-	-	25meters (82ft)	35 meters (115ft)	50 meters (164ft)
Min. Illumination	0.02 (Color) / 0.015 (B/W)	0.02 (Color) / 0.01 (B/W)	0.04 (Color) / 0 (IR on)	0.03 (Color) / 0 (IR on)	0.04 (Color) / 0 (IR on)
Digital WDR	Yes	Yes	Yes	Yes	Yes
Digital Noise Reduction	Yes	Yes	-	Yes	Yes
Motion Detection	Yes	Yes	-	Yes	Yes
Privacy Zone	Yes	Yes	-	Yes	Yes
Multi-language OSD	Yes	Yes	-	Yes	Yes
3-axis Rotation	-	-	-	-	-
Power Source	DC12V / AC24V	DC12V / AC24V	DC12V	DC12V / AC24V	DC12V / AC24V
Operating Temperature	-10°C~50°C (14°F~122°F)	-10°C~50°C (14°F~122°F)	-10°C~50°C (14°F~122°F)	-10°C~50°C (14°F~122°F)	-10°C~50°C (14°F~122°F)
Cable Management	-	-	Yes	Yes	Yes
Protection	-	-	IP66	IP66	IP66

Outdoor		Indoor	
700TVL	700TVL	700TVL	700TVL



Video Server



Model Name	SDF418	SDR437	SDF447	SDR447
Image Sensor	1/3" Exview HAD CCD	1/3" Exview HAD CCD	1/3" Exview HAD CCD	1/3" Exview HAD CCD
Lens Type	Varifocal	Varifocal	Varifocal	Varifocal
F-number	F1.4	F1.4	F1.2	F1.2
Focal Length	f=3.7~12mm	f=3.3~12mm	f=2.8~10.5mm	f=2.8~10.5mm
View Angle	Horizontal : 76.9° (wide) ~ 22.7° (tele) Vertical : 56.8° (wide) ~ 17° (tele)	Horizontal : 89.8° (wide) ~ 23.9° (tele) Vertical : 63.6° (wide) ~ 17.9° (tele)	Horizontal : 99.6° (wide) ~ 24.9° (tele) Vertical : 73.2° (wide) ~ 18.8° (tele)	Horizontal : 101.8° (wide) ~ 27.4° (tele) Vertical : 73.7° (wide) ~ 20.6° (tele)
Day / Night	Mechanical ICR Filter	Mechanical ICR Filter	Mechanical ICR Filter	Mechanical ICR Filter
IR Distance	-	25 meters (82ft)	-	20 meters (65ft)
Min. Illumination	0.03 (Color) / 0.015 (B/W)	0.03 (Color) / 0 (IR on)	0.02 (Color) / 0.01 (B/W)	0.02 (Color) / 0 (IR on)
Digital WDR	Yes	Yes	Yes	Yes
Digital Noise Reduction	Yes	Yes	Yes	Yes
Motion Detection	Yes	Yes	Yes	Yes
Privacy Zone	Yes	Yes	Yes	Yes
Multi-language OSD	Yes	Yes	Yes	Yes
3-axis Rotation	Yes	Yes	Yes	Yes
Power Source	DC12V / AC24V	DC12V / AC24V	DC12V / AC24V	DC12V / AC24V
Operating Temperature	-10°C~50°C (14°F~122°F)	-10°C~50°C (14°F~122°F)	-10°C~50°C (14°F~122°F)	-10°C~50°C (14°F~122°F)
Cable Management	-	-	-	-
Protection	IP66, IK10	IP66, IK10	-	-

Model Name	NVS101
Max. Frame Rate @ Max. Resolution	30fps @ 720 x 480 (NTSC) 25fps @ 720 x 576 (PAL)
Video Compression	H.264 / MPEG-4 / MJPEG
Intelligent Video	Motion Detection, Audio Alerting
Audio Support	1-way audio
Alarm Input / Output	1 / 1
Video Output	Yes
Local Storage	microSD/SDHC card
RS485	Yes
Power Source	DC12V / PoE
Operating Temperature	0°C~50°C (14°F~122°F)
Other Features	Remote control, DNR

Lite Series

Affordable solutions targeting budget-centric, entry-level applications

- Support plug-and-play configuration with MESSOA 4/8/16CH NVR
- Capturing every critical moment with smooth video display up to 30fps
- Compact, sleek design ideal for discreet surveillance
- Flexible remote management via free Apps for Android and iOS and free-bundled CMS
- Intelligent video capabilities for more efficient surveillance management

ONVIF



	Indoor		Outdoor	
	1MP	2MP	1MP	2MP
Model Name	NCB750	NCB752	NCR770	NCR772
Image Sensor	1/4" CMOS	1/2.7" CMOS	1/4" CMOS	1/2.7" CMOS
Lens Type	Fixed	Compatible DC IRIS lens available	Fixed	Fixed
F-number	F1.5	-	F1.8	F1.8
Focal Length	f=4mm	-	f=4.2mm	f=4mm
Horizontal View Angle	53.1°	-	49.8°	84.8°
Day / Night	Mechanical ICR Filter	Mechanical ICR Filter	Mechanical ICR Filter	Mechanical ICR Filter
IR Distance	-	-	10 meters (33ft)	10 meters (33ft)
Min. Illumination (lux@50IRE)	0.8 (Color) / 0.32 (B/W)	0.2 (Color) / 0.04 (B/W)	1.2 (Color) / 0 (IR on)	0.8 (Color) / 0 (IR on)
Max. Frame Rate @ Max. Resolution	30fps @ 1280 x 800 (NTSC) 25fps @ 1280 x 800 (PAL)	30fps @ 1920 x 1080 (NTSC) 25fps @ 1920 x 1080 (PAL)	30fps @ 1280 x 800 (NTSC) 25fps @ 1280 x 800 (PAL)	30fps @ 1920 x 1080 (NTSC) 25fps @ 1920 x 1080 (PAL)
Video Compression	H.264 / MPEG-4 / MJPEG	H.264 / MPEG-4 / MJPEG	H.264 / MPEG-4 / MJPEG	H.264 / MPEG-4 / MJPEG
WDR	Yes	Yes	Yes	Yes
Intelligent Video	Motion / Ethernet Detection, Optimized i-frame	Motion / Ethernet / Audio / Tamper Detection, Optimized i-frame	Motion / Ethernet Detection, Optimized i-frame	Motion / Ethernet / Tamper Detection, Optimized i-frame
Audio Support	2-way audio	2-way audio	-	-
Alarm Input / Output	1 / 1	1 / 1	-	-
Local Storage**	microSD/SDHC card*	microSD/SDHC card*	-	-
Power Source	DC12V / AC24V / PoE	DC12V / AC24V / PoE	DC12V / PoE	DC12V / PoE
Operating Temperature	0°C~50°C (32°F~122°F)	0°C~50°C (32°F~122°F)	-10°C~50°C (14°F~122°F)	-10°C~50°C (14°F~122°F)
Protection	-	-	IP67	IP67
Other Features	Compact design, Focus Assist	Compact design, Focus Assist	Compact design	Compact design

* Memory card not included.

** No memory card slot & local storage function for Argentina and Ecuador.

Indoor

1MP

2MP

1.3MP

1.3MP

2MP

1.3MP



Model Name	NDR720	NDR722	NDR721	NCC700	NCC800(WL)	NDZ760
Image Sensor	1/4" CMOS	1/2.7" CMOS	1/4" CMOS	1/4" CMOS	1/2.7" CMOS	1/4" CMOS
Lens Type	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed
F-number	F1.5	F1.5	F2.0	F1.8	F2.0	F1.8
Focal Length	f=4mm	f=4mm	f=2.8mm	f=4.3mm	f=3.1mm	f=4.2mm
Horizontal View Angle	53.1°	77.4°	64.7°	50°	77°	50°
Day / Night	Mechanical ICR Filter	Mechanical ICR Filter	Mechanical ICR Filter	Digital	Digital	Mechanical ICR Filter
IR Distance	7 meters (23ft)	7 meters (23ft)	5 meters (16.4ft)	-	10 meters (33ft)	3 meters (9.8ft)
Min. Illumination (lux@50IRE)	0.8 (Color) / 0 (IR on)	0.5 (Color) / 0 (IR on)	0.5 (Color) / 0 (IR on)	1.6 (Color) / 1.2 (B/W)	1.1 (Color) / 0 (IR on)	1.6 (Color) / 0 (IR on)
Max. Frame Rate @ Max. Resolution	30fps @ 1280 x 800 (NTSC) 25fps @ 1280 x 800 (PAL)	30fps @ 1920 x 1080 (NTSC) 25fps @ 1920 x 1080 (PAL)	30fps @ 1280 x 1024 (NTSC) 25fps @ 1280 x 1024 (PAL)	30fps @ 1280 x 1024	30fps @ 1920 x 1080 (NTSC) 25fps @ 1920 x 1080 (PAL)	30fps @ 1280 x 1024
Video Compression	H.264 / MPEG-4 / MJPEG	H.264 / MPEG-4 / MJPEG	H.264 / MPEG-4 / MJPEG	H.264 / MJPEG	H.264 / MPEG-4 / MJPEG	H.264 / MJPEG
WDR	Yes	Yes	Yes	-	Yes	-
Intelligent Video	Motion / Ethernet Detection, Optimized i-frame	Motion / Ethernet / Audio / Tamper Detection, Optimized i-frame	Motion / Ethernet / Audio / Tamper Detection, Optimized i-frame	Motion Detection, Smart Encoding, ePTZ, Optimized i-frame	Motion / Audio / Blur / Ethernet Detection, Smart Focus, Smart Encoding, ePTZ, Optimized i-frame	Motion Detection, Smart Encoding, ePTZ, Optimized i-frame
Audio Support	1-way audio (built-in mic)	1-way audio (built-in mic)	1-way audio (built-in mic)	2-way audio (built-in mic)	2-way audio (built-in speaker and mic)	2-way audio (built-in mic)
Alarm Input / Output	-	-	1 / 1	-	1 / 1	1 / 1
Local Storage**	-	-	microSD/SDHC card*	microSD/SDHC card*	microSD/SDHC card*	microSD/SDHC card*
Power Source	DC12V / PoE	DC12V / PoE	DC12V / PoE	DC12V	DC12V / PoE	DC12V
Operating Temperature	-10°C~50°C (14°F~122°F)	-10°C~50°C (14°F~122°F)	-10°C~50°C (14°F~122°F)	0°C~40°C (32°F~104°F)	-10°C~50°C (14°F~122°F)	0°C~40°C (32°F~104°F)
Protection	-	-	-	-	-	-
Other Features	Compact design Patented matrix IR LED	Compact design Patented matrix IR LED	Compact design	Compact design	Compact design Wi-Fi connectivity	Compact design Pan/tilt control

* Memory card not included.

** No memory card slot & local storage function for Argentina and Ecuador.

Standalone NVR Series

Versatile, easy-to-use embedded network video recorder

- Cost effective IP surveillance solution
- Plug-n-play with MESSOA IP cameras
- Reliable multi-task operation based on embedded Linux system
- 4/8CH built-in PoE switch
- Free-bundled CMS max support 16 devices
- Free MESSOA DDNS Service
- Free Apps for Android and iOS
- Support ONVIF & RTSP for IP Cameras integration

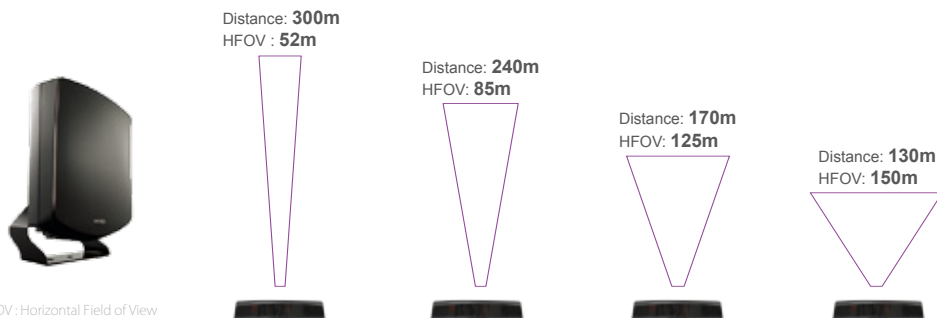
ONVIF



	4 Channel	8 Channel	16 Channel		
Model Name	NVR203-004	NVR203-004P	NVR203-008	NVR203-008P	NVR206-016
Operating System	Embedded Linux	Embedded Linux	Embedded Linux	Embedded Linux	Embedded Linux
Operations	Live, Recording, Playback, Backup & Remote access	Live, Recording, Playback, Backup & Remote access	Live, Recording, Playback, Backup & Remote access	Live, Recording, Playback, Backup & Remote access	Live, Recording, Playback, Backup & Remote access
Built-in PoE	-	4 Ports	-	8 Ports	-
Compression	H.264 HP / MP / BP	H.264 HP / MP / BP	H.264 HP / MP / BP	H.264 HP / MP / BP	H.264 HP / MP / BP
Resolution	Up to 2MP (1920 x 1080)	Up to 2MP (1920 x 1080)	Up to 2MP (1920 x 1080)	Up to 2MP (1920 x 1080)	Up to 5MP (2592 x 1944)
Display mode	Full screen / Multi-screen / PIP / Sequence	Full screen / Multi-screen / PIP / Sequence	Full screen / Multi-screen / PIP / Sequence	Full screen / Multi-screen / PIP / Sequence	Full screen / Multi-screen / PIP / Sequence
Video Output	HDMI x 1, VGA x 1	HDMI x 1, VGA x 1	HDMI x 1, VGA x 1	HDMI x 1, VGA x 1	HDMI x 1, VGA x 1
Remote Access	IE browser, CMS, APP (iOS & Android)	IE browser, CMS, APP (iOS & Android)	IE browser, CMS, APP (iOS & Android)	IE browser, CMS, APP (iOS & Android)	IE browser, CMS, APP (iOS & Android)
Recording Capability	Up to 120fps @ Full HD	Up to 120fps @ Full HD	Up to 240fps @ Full HD	Up to 240fps @ Full HD	Up to 480fps @ Full HD
Playback Capability	4CH simultaneous playback	4CH simultaneous playback	8CH simultaneous playback	8CH simultaneous playback	16CH simultaneous playback
Search Control	By Date/Time, Channel, Events	By Date/Time, Channel, Events	By Date/Time, Channel, Events	By Date/Time, Channel, Events	By Date/Time, Channel, Events
Export	Through USB, Webpage, CMS	Through USB, Webpage, CMS	Through USB, Webpage, CMS	Through USB, Webpage, CMS	Through USB, Webpage, CMS
Local Storage*	SATA x 3 (up to 12TB)	SATA x 2 (up to 8TB)	SATA x 3 (up to 12TB)	SATA x 2 (up to 8TB)	SATA x 6 (up to 24TB)
Audio Input / Outout (RCA)	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1
Alarm Input / Output	4 / 1	4 / 1	8 / 2	4 / 1	16 / 4
Network Protocol	TCP/IP, SMTP, DHCP, DDNS, PPPoE, UDP, SSL, RTP, RTSP, NTP	TCP/IP, SMTP, DHCP, DDNS, PPPoE, UDP, SSL, RTP, RTSP, NTP	TCP/IP, SMTP, DHCP, DDNS, PPPoE, UDP, SSL, RTP, RTSP, NTP	TCP/IP, SMTP, DHCP, DDNS, PPPoE, UDP, SSL, RTP, RTSP, NTP	TCP/IP, SMTP, DHCP, DDNS, PPPoE, UDP, SSL, RTP, RTSP, NTP
Network Interface	1 x 10/100Mbps (WAN) 1 x 10/100/1000Mbps (LAN)	1 x 10/100Mbps (WAN) 4 x 10/100Mbps with PoE (LAN)	1 x 10/100Mbps (WAN) 1 x 10/100/1000Mbps (LAN)	1 x 10/100Mbps (WAN) 8 x 10/100Mbps with PoE (LAN)	1 x 10/100/1000Mbps (WAN) 1 x 10/100/1000Mbps (LAN)
Power Supply	Input : AC100~240V, 50/60Hz, Output : DC12V	Input : AC100~240V, 50/60Hz, Output : DC12V (NVR), DC48V (PoE Switch)	Input : AC100~240V, 50/60Hz, Output : DC12V	Input : AC100~240V, 50/60Hz, Output : DC12V (NVR), DC48V (PoE Switch)	Input : AC100~240V, 50/60Hz
Operating Temperature	0°C~40°C (32°F~104°F)	0°C~40°C (32°F~104°F)	0°C~40°C (32°F~104°F)	0°C~40°C (32°F~104°F)	0°C~40°C (32°F~104°F)
Dimensions (W x H x D)	355 x 72 x 264 mm	355 x 72 x 264 mm	355 x 72 x 264 mm	355 x 72 x 264 mm	430 x 66 x 380 mm

* Hard disk not included.

IR Illuminator

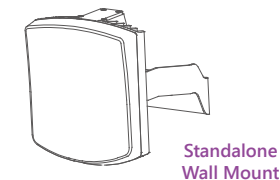


HFOV : Horizontal Field of View

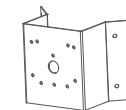
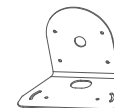
Model Name	SLI08010D	SLI08020D	SLI08040D	SLI08060D
LED Array	High efficiency surface mount power LED			
No. of LEDs	30			
Wavelength	850nm			
Beam Pattern	10°~50°	20°~60°	40°~80°	60°~100°
Max. Distance	300m (984ft)	240m (787ft)	170m (558ft)	130m (427ft)
Max. Horizontal Field of View	52m	85m	125m	150m
View Range	Super long-range	Long-range	Mid-range, wide angle	Short-range, wide-angle
Even Illumination	External adjustable by optical diffusion			
Power Source	DC12V / AC24V (50/60Hz) ±10%			
Power Cable	55W max.			
Operating Temperature	-50°C~60°C (-58°F~140°F)			
Dimensions	233 x 310 x 167 mm (9.17" x 12.2" x 6.57")			
Protection	IP68			
Other Features	Remote adjustment / Shutter synchronization			

Installation Options

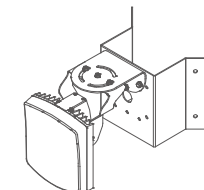
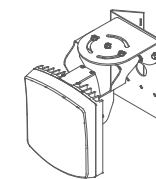
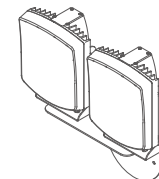
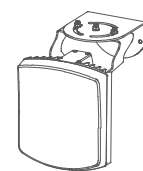
The SLI080 Series is designed to be fitted with various installation formats for all needs.



SAL081	SAL082	SAL083	SAL084
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Single L-type Wall Mount	Dual L-type Wall Mount	Single/Dual Pole Mount	Single/Dual Corner Mount
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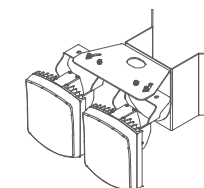
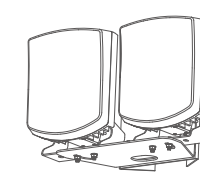
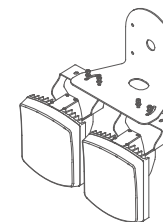
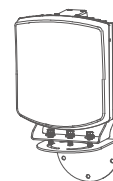


SAL081

SAL082

SAL081+SAL083

SAL081+SAL084



SAL081

SAL082

SAL082+SAL083

SAL082+SAL084

Mounting Brackets and Housings



		Indoor Dome			Vandal Outdoor Dome		IR Bullet		Flat Mini Dome	Box	Indoor PTZ
Model Name		NDR720	NDF820PRO NDF821PRO	NID321 NID325 NID335 NID338 NID318	NDF831PRO NDR891PRO	NOD385 NOD395 NOD398	NCR375 NCR8705 NCR875PRO	NCR365 NCR368	UFD301 UFD305	NCB855PRO NCB355 NCB858 NCB358	PTZ900
Cable Management Wall Mount		-	SAB755	SAD016	SAB755BP	SAD013	-	-	-	-	SAD016
Wall Mount		SAD002	-	-	-	-	-	-	-	SAB748-02	-
L-type Wall Mount		-	SAB749-1W	SAD011	-	SAD014	-	-	SAD011	-	SAD011
Pendant Mount		-	SAB755M	SAD015	SAB755M	SAD012	-	-	-	-	SAD015
Pendant Pipe Mount + Adaptor Ring		-	SAD018, SAD019 (SAB755M needed)	SAD018, SAD019 (SAD015 needed)	SAD018, SAD019	SAD018, SAD019 (SAD012 needed)	-	-	-	-	SAD018, SAD019 (SAD015 needed)
Pole Mount		-	-	-	-	-	SAB009	SAB009	-	-	-
Corner Mount		-	-	-	-	-	SAB010	SAB010	-	-	-
Junction Box		-	-	-	-	-	SAB017	SAB017	-	-	-
Housing		-	-	-	-	-	-	-	-	SLI070HB SAH725	-

Lens



Model Name	SLV003	SLV004	SLV005	SLV525	SLV006	SLV013
Focal Length, Aperture	f=2.8~12mm, F1.4	f=2.8~12mm, F1.4	f=7~22mm, F1.4	f=2.8~8mm, F1.2	f=8~80mm, F1.6	f=15~50mm, F1.5
Resolution	3MP	2MP	3MP	3MP	3MP	3MP
DC IRIS	Yes	Yes	Yes	Yes	Yes	Yes
IR Corrected	Yes	Yes	Yes	-	Yes	Yes
Compatible with	NCB855PRO, NCB355 NCB858, NCB358 NCB750, NCB752	NCB855PRO NCB750, NCB752	NCB855PRO, NCB355 NCB858, NCB358 NCB750, NCB752	NCB855PRO, NCB355 NCB858, NCB358 NCB750, NCB752	NCB855PRO, NCB355 NCB858, NCB358 NCB750, NCB752	NCB855PRO, NCB355 NCB858, NCB358 NCB750, NCB752

PoE Switch



	4-port	8-port	16-port	24-port
Model Name	POE004	POE008	POE016	POE024
10/100 Base RJ-45 Ports	5 (4 PSE)	8 PSE	16 PSE	24 PSE
10/100/1000 Base RJ-45 Ports	-	1	2	2
1000 Base Combo SFP	-	1	2	2
Max. Power Output Per Port	30W	30W	30W	30W
Total PoE Power	70W	130W	260W	500W
Power Input	AC100~240V	AC100~240V	AC100~240V	AC100~240V

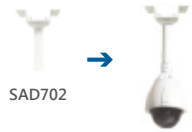
Speed Dome Mounting Accessories

Speed
Dome
Cameras



SPD970 and NIC900 Series

Pendant Pipe



SAD702

Corner Mount

The SAD707 corner adaptor is also compatible with the SAD703 / SAD705 / SAD714 bracket



SAD707 SAD704 / SAD713

Wall Mount



SAD703

Pole Mount

The SAD708 pole adaptor is also compatible with the SAD703 bracket



SAD708 SAD704 / SAD713

Wall Mount with Junction Box



SAD704 / SAD713

Mount with Extension Pipe

The SAD709 extension pipe is also compatible with the SAD704 / SAD705 / SAD706 bracket



SAD709

Pendant Mount with Junction Box



SAD705 / SAD714

Parapet Wall Mount



SAD706

Mount with Sun Shield

The SAD710 sun shield is also compatible with the SAD702 / SAD704 / SAD705 / SAD706 / SAD713 / SAD714 bracket



SAD710 SAD703

VMS200 MEGA NVR

MESSOA VMS200 MEGA NVR (bundled version) is a user-friendly Windows-based video management software free-bundled for MESSOA network cameras.

- Manage up to 32 channels of megapixel IP Cameras
- User-friendly user interface on program and web client
- Support triple streams in H.264, MJPEG and MPEG-4 codec
- Simultaneous playback with smart search
- Support 2-way audio and broadcast
- Effective event management
- Support remote operations from IE browser
- Monitoring CPU temperature, loading and system fan for higher system reliability

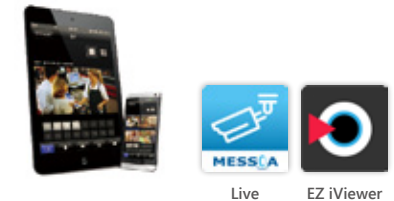


Mobile APP

MESSOA offers two free apps for mobile surveillance available for iOS and Android. The **EZ iViewer** enables live monitoring on mobile devices directly from selected MESSOA network cameras or videos managed by MESSOA Lite NVRs.



The latest **MESSOA Live** provides a more advanced remote access to a wide range of MESSOA network cameras and Lite NVRs. Through the user-friendly interface, users are able to set up a customized camera group for enjoying the convenience to view live streams and even playback per users' demand on smartphone or tablet devices.



VMS Partners

Working closely with major VMS developers to provide a wide range of integrated solutions, MESSOA implement the latest ONVIF testing tools to keep products updated to ONVIF specifications and provide the Software Developers Kit (SDK) to facilitate the integration with 3rd-party platforms.





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