



ANALOG VIDEO PRODUCTS Quick Reference Guide

CATEGORY	VANDAL DOMES									BOX
	ULTIMATE			PERFORMANCE			VALUE			ULTIMATE
MODEL NUMBERS										
DESCRIPTION	Turret Dome, Sens-Up, TDN, IR, D-WDR	Vandal Dome, Extreme Weatherproof, TDN, D-WDR, IR, Sens-Up	Vandal Dome, TDN, WDR, Sens-Up	Vandal Dome, TDN, IR, D-WDR	Vandal Mini-Dome, DN	Vandal Dome, Extreme Weatherproof, TDN, D-WDR, Sens-Up	Mini-Turret, TDN, IR	Mini-Turret, TDN, IR	Vandal Dome, DN	Full body, TDN, D-WDR
OUTDOOR IP RATING	IP66	IP66	IP66	IP66	IP67	IP68	IP66	IP66	IP66	-
IMAGE SENSOR	1/3" CCD	1/3" CCD	1/3" CCD	1/3" CCD	1/3" CCD	1/3" CMOS	1/3" CMOS	1/3" CMOS	1/3" CCD	1/3" CCD
RESOLUTION	700TVL / 750TVL	700TVL / 750TVL	700TVL / 750TVL	700TVL / 750TVL	700TVL / 750TVL	600TVL / 650TVL	720TVL / 770TVL	720TVL / 770TVL	540TVL / 590TVL	700TVL / 750TVL
LENS	2.8-12mm V.F AI 5-50mm V.F AI	2.8-12mm V.F AI	2.8-12mm V.F AI	2.8-12mm V.F AI	3.6mm Fixed	2.8-12mm V.F AI	3.6mm Fixed 6mm Fixed	2.8 - 12mm V.F AI	3.6mm Fixed	C / CS Mount
IR LED'S	42 LED's (100ft indoor range 80ft outdoor range)	33 LED's (100ft indoor range, 80ft outdoor)	-	30 IR LED's (80ft outdoor range, 100ft indoor range); Smart IR Technology	-	-	23 LED's (60ft indoor range, 45ft outdoor)	36 LED's (90ft indoor range, 70ft outdoor)	24 LED's 60ft Range	-
MIN. SCENE ILLUM. (LUX)	0.15 (Color) 0.00002 (BW, IR LED On)	0.1 (Color) 0 (BW, IR LED On)	0.1 (Color) 0.05 (BW)	0.1 (Color) 0 (BW, IR LED On)	0.05 (Color)	0.15 (Color); 0.15 (BW)	0.1 (Color) 0 (BW, IR LED On)	0.1 (Color) 0 (BW, IR LED On)	0.4 (Color); 0 (BW, IR LED On)	0.15 (Color); 0.01 (BW)
WDR	Digital	Digital	TRUE	Digital	-	Digital	-	-	-	Digital
DAY/NIGHT	TRUE	TRUE	TRUE	TRUE	Digital	TRUE	TRUE	TRUE	Digital	TRUE
POWER SOURCE & CONSUMPTION	12VDC/24VAC; 600mA / 300mA (IR LED On)	12VDC/24VAC; 860mA / 350mA (IR & Heater On)	12VDC/24VAC; 300mA / 145mA	12VDC / 24VAC; 420mA / 210mA (IR LED On)	12VDC 110mA	12VDC/24VAC; 400mA/ 170mA	12VDC 300mA	12VDC 480mA	12VDC PS incl; 440mA (IR On)	12VDC / 24VAC; 240mA / 230mA
ADDITIONAL FEATURES	16x Digital Zoom; VMD, DIS, Privacy, Sens-Up, DNR3, Mirror, BLC, AWB, AGC	Built-in Heater, Mirror Image, Privacy, Digital Zoom, VMD, DIS, 3D-DNR, BLC, AWG, AGC, Sens-Up	BLC, HLC, Sens-Up, VMD, Privacy, AWB, AGC, Digital Zoom, 3D-DNR	Mirror Image; Privacy; VMD, 2D-DNR, BLC, AWB, AGC	2D-DNR	Built-in Heater; Mirror Image; Privacy; Digital Zoom, VMD, DIS, 3D-DNR, BLC, AWG, Gain, Sens-Up	AGC, AWB, BLC	AGC, AWB, BLC	AWB, AGC	Mirror Image; Privacy; VMD, DIS, 2D-DNR, BLC, WB, AGC
ACCESSORIES	TCW2-W(G) Wall Mt. TCADP Adaptor Plate. TCP-W(G) Pendant Mt	TCW2-W Wall Mt. TCP-W Pendant Mt	DB243W2 Wall Mt. PDA3W(B) Pendant Mt. VDMWC Wall/Ceiling Mt. CV-FLUSHMT Flush Mt. Heater HT202K. VDSMR Surface Mt Ring	HT202V Heater. DB243W2(B) Wall Mt. PDA3W(B) Pendant Mt. BTCV6 Smoked Bubble. CV-FLUSHMT Flush Mt. VDMWC Wall/Ceiling Mt. VDSMR Surface Mt Ring	-	TCW2-W Wall Mt. TCP-W Pendant Mt	A-CM150 Corner Mount A-CM151 Pole Mount	A-CM150 Corner Mount A-CM151 Pole Mount	-	EHWMHB Environmental Hsg / Wall Mt. A-CM150 Corner Mt. A-CM151 Pole Mt. SCV2812ASR 2.8-12mm lens; SCV55014DC 5-5mm lens
VIDEO CLIP	Video Link	-	-	-	-	-	-	-	-	-
USER INSTRUCTION MANUAL	Manual Link	Manual Link	Manual Link	Manual Link	Manual Link	Manual Link	Manual Link	Manual Link	Manual Link	Manual Link

CATEGORY	INTERIOR DOMES			BULLETS						
	ULTIMATE	PERFORMANCE		ULTIMATE			PERFORMANCE		VALUE	
MODEL NUMBERS										
DESCRIPTION	Interior Dome, TDN, WDR, Sens-Up	Interior Dome; TDN, D-WDR	Interior Dome; TDN, IR D-WDR	Bullet, TDN, IR, D-WDR	Bullet, TDN, IR, D-WDR	Bullet, TDN, IR	Bullet, TDN, IR, D-WDR	Bullet, TDN, IR, D-WDR	Bullet, DN, IR	Bullet, TDN, IR
OUTDOOR IP RATING	-	-	-	IP67	IP67	IP67	IP66	IP66	IP68	IP66
IMAGE SENSOR	1/3" CCD	1/3" CCD	1/3" CCD	1/3" CCD	1/3" CCD	1/3" CCD	1/3" CCD	1/3" CCD	1/3" CCD	1/3" CMOS
RESOLUTION	700TVL / 750TVL	700TVL / 750TVL	600TVL / 650TVL	700TVL / 750TVL	700TVL / 750TVL	700TVL / 750TVL	700TVL / 720TVL	700TVL / 720TVL	700TVL / 720TVL	720TVL / 770TVL
LENS	2.8-12mm V.F AI	2.8-12mm V.F AI	4-9mm V.F AI	5-50mm V.F AI	2.8-12mm V.F AI	2.8-12mm V.F AI	5-50mm V.F AI	2.8-12mm V.F AI	3.6mm Fixed	3.6mm Fixed 6mm Fixed
IR LED'S	-	IR Model Only: 30 IR LED's (100ft indoor range); Smart IR Technology	FD600DNIR only: 23 LED's / 100ft range; Smart IR Technology	45 LED's / 160ft range Smart IR Technology	45 LED's / 160ft range Smart IR Technology	30 LED's / 80ft range Smart IR Technology	42 LED's 100ft Range	42 LED's 80ft Range	24 LED's 60ft Range	24 LED's (60ft indoor range, 45ft outdoor)
MIN. SCENE ILLUM. (LUX)	0.1 (Color) 0.05 (BW)	0.1 (Color); 0 (BW, IR LED On)	0.1 (Color); 0.04 (BW) / 0 (BW, IR LED On; FD600DNIR)	0.15 (Color); 0 (BW, IR LED On)	0.15 (Color); 0 (BW, IR LED On)	0.1 (Color); 0 (BW, IR LED On)	0.01 (Color); 0 (BW, IR LED On)	0.01 (Color); 0.01 (BW, IR LED On)	0.1 (Color); 0 (BW, IR LED On)	0.1 (Color); 0 (BW, IR LED On)
WDR	TRUE	Digital	Digital	Digital	Digital	-	Digital	Digital	-	-
DAY/NIGHT	TRUE	TRUE	Digital / TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	Digital	TRUE
POWER SOURCE & CONSUMPTION	12VDC/24VAC 300mA / 145mA	12VDC/24VAC; 166mA / 83mA (non-IR) 420mA / 210mA (IR LED On)	375mA / 1.87A; 208mA / 104mA (IR LED On; FD600DNIR)	12VDC / 24VAC 880mA / 1.56A (IR & Heater On)	12VDC / 24VAC 880mA / 1.56A (IR & Heater On)	12VDC PS incl; 375mA	12VDC / 24VAC 650mA / 710mA	12VDC / 24VAC 650mA / 710mA	12VDC PS incl; 340mA	12VDC 300mA
ADDITIONAL FEATURES	BLC, HLC, Sens-Up, VMD, Privacy, AWB, AGC, Digital Zoom, 3D-DNR	Mirror Image; Privacy; Digital Zoom, VMD, DIS, 2D-DNR, BLC, AWB, AGC	Mirror Image; Privacy; VMD, 2D-DNR, BLC, AWB, AGC	Thru-Mount Wiring; Heater; 2D-DNR, Privacy, Mirror, VMD, BLC, AWB, AGC	Thru-Mount Wiring; Heater; 2D-DNR, Privacy, Mirror, VMD, BLC, AGC, AWB	Thru-Mount Wiring; Heater; 2D-DNR, Privacy, Mirror, VMD, BLC, AGC, AWB	Thru-Mount Wiring; 2D-DNR, Privacy, VMD, BLC, AGC	Thru-Mount Wiring; 2D-DNR, Privacy, VMD, BLC, AGC	Thru-Mount Wiring; AWB, AGC	Thru-Mount-Wiring, AGC, AWB, BLC
ACCESSORIES	DB244 Wall Mt. PDA328 Pendant Mt	DB243W2(B) Wall Mt. PDA3W(B) Pendant Mt. CV-FLUSHMT Flush Mt. VDSMR Surface Mt Ring	DB243W2 Wall Mt. PDA3W(B) Pendant Mt. CV-FLUSHMT Flush Mt.	A-CM150 Corner Mt. A-CM151 Pole Mt	A-CM150 Corner Mt. A-CM151 Pole Mt	A-CM150 Corner Mt. A-CM151 Pole Mt	A-CM150 Corner Mt. A-CM151 Pole Mt	A-CM150 Corner Mt. A-CM151 Pole Mt	A-CM150 Corner Mt. A-CM151 Pole Mt	A-CM150 Corner Mount A-CM151 Pole Mount
VIDEO CLIP	-	-	-	-	-	Video Link	-	-	-	-
USER INSTRUCTION MANUAL	Manual Link	Manual Link	Manual Link	Manual Link	Manual Link	Manual Link	Manual Link	Manual Link	Manual Link	Manual Link

CATEGORY	SPECIALTY CAMERAS						PTZ DOMES			CCTV MONITOR
	LICENSE PLATE	COVERT					ULTIMATE	PERFORMANCE		PERFORMANCE
MODEL NUMBERS										
DESCRIPTION	License Plate Capture Camera	Covert Height Strip & Mini Strip, DN	Covert Tower, DN	Covert Mullion, DN	Board Camera, DN, D-WDR		36x, TDN, WDR, Video Analytics, PTZ Dome	Compact 22x PTZ Dome, TDN, WDR	Compact 22x PTZ Dome in Environmental Housing, TDN, WDR	LCD CCTV Monitor
OUTDOOR IP RATING	IP66	-	-	-	-		-	IP66	IP66	8"
IMAGE SENSOR	1/3" CCD	1/3" CCD	1/3" CCD	1/3" CCD	1/3" CCD		1/4" CCD	1/4" CCD	1/4" CCD	Black
RESOLUTION	700TVL (BW Only)	700TVL / 750TVL	700TVL / 750TVL	700TVL / 750TVL	600TVL / 650TVL		540TVL / 590TVL	700TVL / 750TVL	700TVL / 750TVL	800 x 800
LENS	5-50mm V.F AI	3.7mm	3.6mm	2.8mm	2.5mm		3.4-122.4mm (36x optical zoom)	3.9-85.8mm (22x optical zoom)	3.9-85.8mm (22x optical zoom)	0.2025mm
IR LED'S	10 High Power LED's (90ft range outdoor)	-	-	-	-		-	-	-	VIEWING ANGLE/IR/UD 140 / 130
MIN. SCENE ILLUM. (LUX)	0 (BW IR LED On)	0.1 (Color); 0.04 (BW)	0.1 (Color); 0.04 (BW)	0.1 (Color); 0.04 (BW)	1 (Color); 0.01 (BW)		1.4 (Color); 0.01 (BW)	0.1 (Color); 0.00001 (BW)	0.1 (Color); 0.00001 (BW)	LED
WDR	-	-	-	-	-		TRUE	TRUE	TRUE	ASPECT RATIO 4 x 3
DAY/NIGHT	N.A. (BW Only)	Digital	Digital	Digital	Digital		TRUE	TRUE	TRUE	CONTRAST RATIO 500:1
POWER SOURCE & CONSUMPTION	24VAC; 750mA (heater on)	12VDC PS incl; 125mA	12VDC PS incl; 130mA	12VDC PS incl; 130mA	12VDC; 120mA		12VDC / 24VAC; 1.7A / 833mA	24VAC; 917mA	24VAC; 917mA	COLOR DEPTH 16.2M
ADDITIONAL FEATURES	External Zoom and Focus Adjustment, Heater, Thru-Mount Wiring	2D-DNR, AGC, SLC, AWB; Gimbal bracket; Adjustable Height & Tilt	2D-DNR; AWB, AGC; Adjustable Height and Tilt; Base mount incl	2D-DNR, AWB, AGC	Mirror Image; Privacy; VMD, 2D-DNR; AWB, Gain, Gimbal bracket incl		12x digital zoom; Privacy; Video Analytics; RS-485; Tours, Auto-Scans, Presets	16x digital zoom; Heater; RS-485; Tours, Auto-Scans, Presets	16x digital zoom; Heater / Blower; RS-485; Tours, Auto-Scans, Presets	RESPONSE TIME 20ms
ACCESSORIES	A-CM150 Corner Mt. A-CM151 Pole Mt	-	-	-	-		DB241 Pendant Mt; DB242 Wall Mt; PM304 Parapet Mt; FM-SD1 Flush Mt; DH304-OC Outdoor Environmental Hsg; SDK162J Keyboard; PB120 Wall Mt/Power Supply	VDMWC2 Ceiling and Wall Mt; DB243W2 Wall Mt; A-PEXM Pendant Mt; A-PFM Flush Mt; A-PPDM Pendant Cap; A-CM150 Corner Mt; A-CM151 Pole Mt; SDK162J Keyboard	DB241 Pendant Mt; DB242 Wall Mt; PM304 Parapet Mt; PB120 Wall Mt/Power Supply; A-CM150 Corner Mt; A-CM151 Pole Mt; SDK162J Keyboard	BRIGHTNESS 270cd/m2
VIDEO CLIP	-	-	Video Link	-	-		-	-	-	POWER <15W
USER INSTRUCTION MANUAL	Manual Link	HS Manual Link	MS Manual Link	Manual Link	Manual Link	Manual Link	Manual Link	Manual Link	Manual Link	VOLTAGE 12VDC
										USER INSTRUCTION MANUAL Manual Link
										INPUTS VGA Yes BNC / LOOPING 1 / 1

CATEGORY	ULTIMATE		PERFORMANCE		VALUE				SPECIALTY
MODEL NUMBERS	 FA-HD916	 FA-HDX16	 ED2404 / ED2808	 ED2916	 VLD904 / VLD908	 VLD916	 VLDVR4-A	 VLD4500	 DYK146
VIDEO COMPRESSION	H.264	H.264	H.264	H.264	H.264	H.264	H.264	H.264	MPEG4
MAX RECORD & PLAYBACK RATE	480-ips @ D1 / 960H	480-ips @ D1	120-ips @ 240-ips @ D1 / 960H	480-ips @ D1 / 960H	120-ips @ D1 / 960H / 240-ips @ D1 / 960H	480-ips @ D1 / 960H	120-ips @ 2CIF	120-ips @ D1	30-ips @ CIF
FILE SIZE (KB)	1 / 2 / 4 / 6 (x2 for 2CIF, x4 for D1)	2 / 4 / 6 / 8 (x2 for 2CIF, x4 for D1)	2 / 3 / 5 / 6 (x2 for 2CIF, x4 for D1) / 960H	2 / 3 / 5 / 6 (x2 for 2CIF, x4 for D1) / 960H	1 / 2 / 4 / 8 (x2 for 2CIF, x4 for D1)	2 / 4 / 6 / 8 (x2 for 2CIF, x4 for D1)	2 / 4 / 6 / 8 (x2 for 2CIF, x4 for D1)	1 / 2 / 4 / 8 (x2 for 2CIF, x4 for D1)	-
VIDEO INPUTS	16 (looping)	16 (looping)	4 / 8	16	4 / 8	16	4	4	1
HDD BAYS & SIZES	2TB up to 9TB (3-HDD slots)	2TB up to 15TB (5-HDD slots)	1TB up to 4TB (1-HDD slot)	2TB up to 8TB (2-HDD slots)	500GB up to 5TB (1-HDD slot)	1TB up to 10TB (2-HDD slot)	500GB up to 3TB (1-HDD slot)	500GB up to 2TB (1-HDD slot)	4GB SD Card
CONNECTIONS									
HDMI	1	1	1	1	1	1	-	-	-
VGA	1	2	1	1	1	1	1	1	1
COMPOSITE	-	2	-	-	1	1	1	1	1
SPOT MONITOR	(1 Composite)	(1 Composite)	-	-	-	-	-	-	-
AUDIO INPUTS / OUTPUTS	4 / 1	16 / 1	4 / 1	4 / 1	4 / 1	4 / 1	4 / 1	1 / 1	1 / 1
USB	2 - v 2.0	2 - v 2.0	2 - v 2.0	2 - v2.0	2 - v 2.0	2 - v 2.0	2 - v 2.0	2 - v 2.0	-
ARCHIVE MEDIA	Internal DVD-RW, iSCSI, eSATA, USB Flash Drive	Internal DVD-RW, iSCSI, eSATA, USB Flash Drive	USB Flash Drive	USB Flash Drive	USB Flash Drive	USB Flash Drive	USB Flash Drive	USB Flash Drive	Upgradable SD Card up to 32GB
ALARM IN / OUT	16 / 2	16 / 4	4 or 8 / 1	16 / 1	4 or 8 / 1	16 / 1	4 / 1	4 / 1	-
ETHERNET	RJ-45 (10/100 Base-T)	RJ-45 (10/100 Base-T)	RJ-45 (10/1000 Base-T)	RJ-45 (10/1000 Base-T)	RJ-45 (10/100 Base-T)	RJ-45 (10/100 Base-T)	RJ-45 (10/100 Base-T)	RJ-45 (10/100 Base-T)	-
IR REMOTE CONTROL & MOUSE	Yes (included)	Yes (included)	Yes (included)	Yes (included)	Yes (included)	Yes (included)	Yes (included)	IR Remote Only	-
RECORD / SEARCH MODES									
RECORD RESOLUTION	480x240 / 960x240 / 960x480	360x240 / 720x240 / 720x480	360x240 to 960x480	360 x 240 to 960 x 480	360x240 to 960x480	360x240 to 960x480	360x240 / 720x240 / 720x480	360x240 / 720x240 / 720x480	352x240 / 704x480
RECORD MODE	TL, Event, Pre-event (30m), Panic, Text-in	TL, Event, Pre-event (30m), Panic, Text-in	TL, Event, Pre-event (30s), Panic, Text-in	TL, Event, Pre-event (30s), Panic, Text-in	Continuous, Manual, Event, Schedule, Sensor, Alarm	Continuous, Manual, Event, Schedule, Sensor, Alarm	TL, Event, Pre-event (30s), Panic, Text-in	Schedule, Event, Pre-event	Manual, Continuous, Event
SEARCH MODE	D/T, Calendar, Event, Motion, Museum, Text-in	D/T, Calendar, Event, Motion, Museum, Text-in	D/T, Calendar, Event, Motion, Museum, Text-in	D/T, Calendar, Event, Motion, Museum, Text-in	Date/Time, Event, Time Bar	Date/Time, Event, Time Bar	D/T, Calendar, Event, Motion, Museum, Text-in	Time, Event	Time, Event
OPERATION									
USER INSTRUCTION MANUAL	Manual Link	Manual Link	Manual Link	Manual Link	Manual Link	Manual Link	Manual Link	Manual Link	Manual Link
* REMOTE CONNECTIONS	2-Admin, 10-Watch, 2-Search	2-Admin, 10-Watch, 2-Search	2-Admin, 10-Watch, 2-Search	2-Admin, 10-Watch, 2-Search	4	3	2-Admin, 10-Watch, 2-Search	5	-
* USERS	64 Groups, 256 Users	64 Groups, 256 Users	64 Groups, 256 Users	64 Groups, 256 Users	6 Users, 1 Admin	6 Users, 1 Admin	64 Groups, 256 Users	4 Users, 1 Admin	-
REMOTE DESKTOP	Yes	Yes	Yes	Yes	-	-	-	-	-
REMOTE ACCESSIBILITY	ATVision Pro, Webguard	ATVision Pro, Webguard	iRAS, Webguard	iRAS, Webguard	ATV SkyVision	ATV SkyVision	ATVision Pro, Webguard	CMS	-
QUICK SETUP GUIDE	Guide Link	Guide Link	Guide Link	Guide Link	Guide Link	Guide Link	Guide Link	Guide Link	-
REMOTE HEALTHCHECK	-	Yes	-	-	-	-	-	-	-
MOBILITY SUPPORT	Android, iPhone, iPad	Android, iPhone, iPad	Android, iPhone, iPad	Android, iPhone, iPad	Android, iPhone, iPad	Android, iPhone, iPad	Android, iPhone, iPad	Android, iPhone, iPad	-
ACCESSORIES	XDLBB2 Lock Box; eSATA devices	LB3L Lock Box; eSATA devices	LB3S Lock Box	XDLBB2 Lockbox	XDLBB2 Lockbox	XDLBB2 Lockbox	LB3S Lock Box	LB3S Lockbox	-





IP VIDEO Quick Reference Guide

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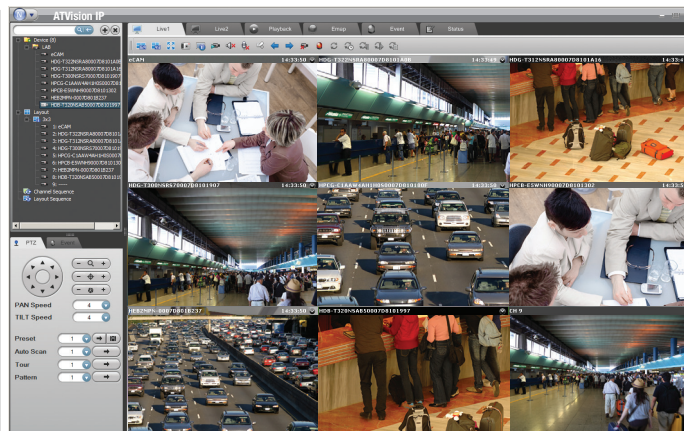
CATEGORY	IP VANDAL DOMES							IP BULLETS					
MODEL NUMBERS	 IPEMT2FI	 IPMV2FI	 IPVD02TI	 IPVD03TI	 IPVD02TW	 IPVD02RWI	 IPVD02RWI / IPVD03TRWI	 IPEMB2FI	 IPMB2FI	 IPB2TI	 IPB3TI	 IPB2TWI / IPB3TWI	
DESCRIPTION	Mini-Turret Dome, TDN, IR, D-WDR	Mini-Vandal Dome, TDN, IR	Vandal Dome, TDN, IR	Vandal Dome, TDN, IR, D-WDR	Vandal Dome, TDN, D-WDR	Vandal Dome, TDN, IR, WDR	Vandal Dome, TDN, IR, D-WDR	Mini-Bullet, TDN, IR, D-WDR	Mini-Bullet, TDN, IR	Bullet, TDN, IR	Bullet, TDN, IR, D-WDR	Bullet, TDN, IR, D-WDR	
VIDEO COMPRESSION	H.264 / M-JPEG / MPEG-4	H.264 / M-JPEG / MPEG-4	H.264 / M-JPEG / MPEG-4	H.264 / M-JPEG	H.264 / M-JPEG / MPEG-4	H.264 / M-JPEG	H.264 / M-JPEG / MPEG-4	H.264 / M-JPEG / MPEG-4	H.264 / M-JPEG / MPEG-4	H.264 / M-JPEG / MPEG-4	H.264 / M-JPEG / MPEG-4	H.264 / M-JPEG / MPEG-4	
MULTI-STREAMING	2	3	3	3	3	3	3	2	3	3	3	3	
FPS @ MAX. RESOLUTION	30-fps	30-fps	30-fps	30-fps	30-fps	60-fps	30-fps / 20-fps	30-fps	30-fps	30-fps	30-fps	30-fps / 20-fps	
ONBOARD STORAGE	-	Micro SD Slot	Micro SD Slot	Micro-SD Slot	Micro SD Slot	Micro-SD Slot	Micro-SD Slot	-	Micro SD Slot	Micro SD Slot	Micro-SD Slot	Micro SD Slot	
AUDIO	-	-	-	2-way	2-way	2-way	2-way	-	-	-	2-way	-	
OUTDOOR IP RATING	IP66	IP66	IP66	IP66	IP66	IP66	IP66	IP66	IP67	IP66	IP66	IP67	
IMAGE SENSOR	1/3" CMOS	1/2" Prog Scan CMOS	1/2" Prog Scan CMOS	1/2" Prog Scan CMOS	1/2" Prog Scan CMOS	1/2" Prog Scan CMOS	1/2" Prog Scan CMOS	1/3" CMOS	1/2" Prog Scan CMOS	1/2" Prog Scan CMOS	1/2" Prog Scan CMOS	1/2" Prog Scan CMOS	
RESOLUTION	1920 x 1080	1920 x 1080	1920 x 1080	2048 x 1536	1920 x 1080	1920 x 1080	1920 x 1080 / 2048 x 1536	1920 x 1080	1920 x 1080	1920 x 1080	2048 x 1536	1920 x 1080 / 2048 x 1536	
LENS	3.6mm Fixed	3.7mm Fixed	3.5-16mm V.F. AI	2.8 - 11mm V.F. AI	3 - 9mm V.F. AI	Motorized 3-9mm V.F. AI	Motorized 3 - 9mm V.F. AI	3.6mm Fixed	3.7mm Fixed	3.5-16mm V.F. AI	2.8 - 11mm V.F. AI	Motorized 3 - 9mm V.F. AI	
IR LED'S	24 LED's (60ft range)	24 LED's (60ft range)	36 LED's (80ft range)	36 LED's (105ft Indoor / 80ft Outdoor)	-	24 LED's (60ft Indoor / 45ft Outdoor)	24 LED's (65ft range)	24 LED's (60ft range)	24 LED's 60ft range	36 LED's (90ft range)	32 LED's (80ft Indoor / 70ft Outdoor)	32 LED's (80ft range)	
MIN. SCENE ILLUM. (LUX)	0.2 (Color), 0 (BW, w/ IR LED On)	0.2 (Color), 0 (BW, w/ IR LED On)	0.2 (Color), 0 (BW, w/ IR LED On)	0.1 (Color), 0 (BW, w/ IR LED On)	2.5 (Color), 0.2 (BW)	0.04 (Color); 0 (BW, w/ IR LED On)	0.2 (Color); 0 (BW, IR LED On)	0.2 (Color); 0 (BW, IR LED On)	0.2 (Color); 0 (BW, IR LED On)	0.2 (Color), 0 (BW, w/ IR LED On)	0.04 (Color); 0 (BW, w/ IR LED On)	0.2 (Color), 0 (BW, IR LED On)	
WDR	Digital	-	-	Digital	Digital	TRUE	Digital	Digital	-	-	Digital	Digital	
DAY/NIGHT	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	
POWER SOURCE & CONSUMPTION	12VDC / PoE 400mA / 100mA	12VDC / PoE 500mA / 125mA	12VDC / PoE 600mA / 130mA	12VDC / PoE 450mA / 120mA	12VDC / 24VAC / PoE 250mA / 125mA / 50mA	12VDC / 24VAC / PoE 690mA / 1500mA (w/htg) / 200mA	12VDC / 24VAC / PoE 550mA / 1200mA (w/htg) / 160mA	12VDC / PoE 400mA / 100mA	12VDC / PoE 500mA / 125mA	12VDC / PoE 600mA / 130mA	12VDC / PoE 900mA / 150mA	12VDC / PoE 375mA / 120mA	
ADDITIONAL FEATURES	ONVIF Profile S, BLC, AWB	ONVIF Profile S, VMD, Privacy, BLC, AWB	ONVIF Profile S, VMD, Privacy, BLC, 2D-DNR, AWB	ONVIF Profile S, 3D-DNR, Privacy, BLC, AWB, Video Analytics, Corridor View	ONVIF Profile S, VMD, Privacy, 2D-DNR, Heater	ONVIF Profile S, 3D-DNR, Privacy, BLC, AWB, Test Monitor Cable, Remote Controller, Heater, Video Analytics, Corridor View	ONVIF Profile S, Test Monitor Cable, Remote Controller, Heater	ONVIF Profile S, BLC, AWB	ONVIF Profile S, VMD, Privacy, Mirror, DNR	ONVIF Profile S, VMD, Privacy, BLC, 2D-DNR, AWB	ONVIF Profile S, 3D-DNR, Privacy, BLC, AWB, Video Analytics, Corridor View	ONVIF Profile S, Test Monitor Cable, VMD, Privacy, 2D-DNR, Heater	
ACCESSORIES	A-CM150 Corner Mount, A-CM151 Pole Mount	DB243W2 Wall Mount, PDA5W Pendant Mount, CV-FUSMT Flush Mount, VDMWC Wall/Ceiling Mount, VDSMR Surface Mount Ring	DB243W2 Wall Mount, PDA5W Pendant Mount, CV-FUSMT Flush Mount, VDMWC Wall/Ceiling Mount, VDSMR Surface Mount Ring	DB243W2 Wall Mount, PDA5W Pendant Mount, CV-FUSMT Flush Mount, VDMWC Wall/Ceiling Mount, VDSMR Surface Mount Ring	DB243W2 Wall Mt., A-PEXM Ceiling Mt., A-PPDM Pipe Mt. Adapter, VDMWC2 Wall/Ceiling Mt., PEMS7 Flush Mt	DB243W2 Wall Mt., A-PEXM Ceiling Mt., A-PPDM Pipe Mt. Adapter, VDMWC2 Wall/Ceiling Mt., PEMS7 Flush Mt	DB243W2 Wall Mt., A-PEXM Ceiling Mt., A-PPDM Pipe Mt. Adapter, VDMWC2 Wall/Ceiling Mt., PEMS7 Flush Mt	A-CM150 Corner Mount, A-CM151 Pole Mount	A-CM150 Corner Mount, A-CM151 Pole Mount	A-CM150 Corner Mount, A-CM151 Pole Mount	A-CM150 Corner Mount, A-CM151 Pole Mount	A-CM150 Corner Mount, A-CM151 Pole Mount	
VIDEO CLIP	-	-	-	-	-	-	-	-	-	-	-	-	
USER INSTRUCTION MANUAL	Manual Link	Manual Link	Manual Link	Manual Link	Manual Link	Manual Link	Manual Link	Manual Link	Manual Link	Manual Link	Manual Link	Manual Link	

CATEGORY	IP INTERIOR DOMES				IP SPECIALTY CAMERAS		IP PTZ DOMES		IP BOX CAMERAS		IP VIDEO ENCODER
MODEL NUMBERS	 IPMD02FI	 IPLP2TF	 IPFD02TI	 IPF03TI	 IPC2M43PB / IPCM2M43PB	 IPMC2M / IPMC2MA	 IPSDV12KW	 IPSD202MT	 IPSD30X2WI	 IPC2MT	 IPE1CH
DESCRIPTION	Interior Mini-Dome, TDN, IR	Low Profile Interior Dome, DN	Interior/Exterior Dome, TDN, IR	Interior/Exterior Dome, TDN, IR, D-WDR	Covert Height / Mini Strip, D-WDR	Interior Mini-Cube	PTZ Dome, TDN, WDR	PTZ Dome, TDN, WDR	PTZ Dome, IR LED's, TDN, WDR	Full Body, TDN	1ch Encoder
VIDEO COMPRESSION	H.264 / M-JPEG / MPEG-4	H.264 / M-JPEG / MPEG-4	H.264 / M-JPEG / MPEG-4	H.264 / M-JPEG	H.264 / M-JPEG / MPEG-4	H.264 / M-JPEG / MPEG-4	H.264 / M-JPEG	H.264 / M-JPEG	H.264 / M-JPEG	H.264 / M-JPEG / MPEG-4	H.264 / M-JPEG / MPEG-4
MULTI-STREAMING	3	3	3	3	3	3	4	4	2	2	2
FPS @ MAX. RESOLUTION	30-fps	30-fps	30-fps	30-fps	30-fps	15-fps	60-fps	30-fps	60-fps	30-fps	30-fps
ONBOARD STORAGE	Micro SD Slot	Micro SD Slot	Micro SD Slot	Micro-SD Slot	Micro SD Slot	Micro SD Slot	Micro SD Slot	Micro SD Slot	Micro-SD Slot	Micro SD Slot	-
AUDIO	-	-	-	2-way	-	2-way (IPMC2MA only)	-	2-way	-	-	2-way
OUTDOOR IP RATING	-	-	IP66	IP66	-	-	IP66	-	IP66	-	-
IMAGE SENSOR	1/2" Prog Scan CMOS	1/2" Prog Scan CMOS	1/2" Prog Scan CMOS	1/2" Prog Scan CMOS	1/2" Prog Scan CMOS	1/4" Prog Scan CMOS	1/2" Prog Scan CMOS	1/2" Prog Scan CMOS	1/2" Prog Scan CMOS	1/2" Prog Scan CMOS	-
RESOLUTION	1920 x 1080	1920 x 1080	1920 x 1080	2048 x 1536	1920 x 1080	1600 x 1200	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	704 x 576
LENS	3.7mm Fixed	3.7mm Fixed	3.5-16mm V.F. AI	2.8 - 11mm V.F. AI	4.3mm Fixed	2.6mm Fixed	5.3 - 62.6mm, 12x optical zoom, 16x digital	4.7 - 94mm, 20x optical zoom, 12x digital	4.3 - 129mm, 30x Optical / 16x Digital	C / CS Mount	-
IR LED'S	24 LED's 60ft range	-	30 LED's (60ft range)	30 LED's (80ft Indoor / 70ft Outdoor)	-	White LED (IPMC2MA only)	-	-	1 Sychr IR & 1 Fixed IR LED (450ft range)	-	-
MIN. SCENE ILLUM. (LUX)	0.2 (Color), 0 (BW, IR LED On)	0.2 (Color); 0.2 (BW)	0.2 (Color), 0 (BW, w/ IR LED On)	0.1 (Color), 0 (BW, w/ IR LED On)	2.5 (Color)	1 / 0 White LED on IPMC2MA only (Color)	0.5 (Color), 0.1 (BW)	1.7 (Color), 0.26 (BW)	0.5 (Color), 0 (BW, w/ IR LED On)	2.5 (Color); 0.2 (BW)	-
WDR	-	-	-	Digital	Digital	-	TRUE	TRUE	True	-	-
DAY/NIGHT	TRUE	Digital	TRUE	TRUE	-	-	TRUE	TRUE	TRUE	TRUE	-
POWER SOURCE & CONSUMPTION	12VDC / PoE 500mA / 125mA	12VDC / PoE 375mA / 93mA	12VDC / PoE 600mA / 130mA	12VDC / PoE 450mA / 120mA	12VDC / PoE 330mA / 83mA	5VDC / PoE 700mA / 73mA	12VDC / 24VAC / PoE 1A / 1.5A / 250mA	12VDC / 24VAC / PoE 1.1A / 930mA / 280mA	12VDC / PoE 2.3A / 590mA / 150mA	12VDC / 24VAC / PoE 250mA / 125mA / 50mA	12VDC / 24VAC / PoE 333mA / 208mA / 170mA
ADDITIONAL FEATURES	ONVIF Profile S, VMD, Privacy, Mirror, DNR	ONVIF Profile S, Alarm I/O, VMD, Privacy, Mirror	ONVIF Profile S, VMD, Privacy, BLC, 2D-DNR, AWB	ONVIF Profile S, 3D-DNR, Privacy, BLC, AWB, Video Analytics, Corridor View	ONVIF Profile S, VMD, Privacy, Mirror, 2D-DNR	ONVIF Profile S, PIR Motion Sensor (IPMC2MA only), VMD, Privacy, 2D-DNR	ONVIF Profile S, Heater, VCA, Privacy, Presets, Tours, Patterns	ONVIF, VMD, Privacy, Presets, Tours, Patterns	ONVIF Profile S, Alarm I/O, VCA, Privacy, DIS, 2D-DNR, Presets, Tours, Patterns	ONVIF Profile S, VMD, Privacy, 2D-DNR	ONVIF Profile S, VMD, Privacy
ACCESSORIES	DB244 Wall Mt., PDA328 Pendant Mt.	DB244 Wall Mt., PDA328 Pendant Mt.	DB243W2 Wall Mount, PDA5W Pendant Mount, BTG68 Tinted Bubble	DB243W2 Wall Mount, PDA5W Pendant Mount, BTG68 Tinted Bubble	-	-	VDMWC2 Ceiling/Wall Mt., DB243W2 Wall Mt., A-PEXM Ceiling Mt., A-PPDM Pipe Mt. Adapter, A-PPDM Pendant Cap., A-CM150 Corner Mt., A-CM151 Pole Mt., SDK162J Keyboard, PB120 Wall Mt./Power Supply	DB241 Pendant Mt., DB242 Wall Mt., PM304 Parapet Mt., FM-SD1 Flush Mt., DH304 OC Outdoor Environmental Hsg., SDK162J Keyboard, PB120 Wall Mt./Power Supply	DB242 Wall Mount; DB241 Pipe Mount; A-CM150 Corner Mt.; A-CM151 Pole Mt.; PM304 Parapet Roof Mount.	CM-TBAR Ceiling Mt., CM-D16W Wall Mt., BHM48 Environmental Hsg.Mt., A-CM150 Corner Mt., A-CM151 Pole Mt., TEK10DC 4.5-10mm Megapixel Lens	-
VIDEO CLIP	-	-	-	-	-	-	-	-	-	-	-
USER INSTRUCTION MANUAL	Manual Link	Manual Link	Manual Link	Manual Link	Manual Link	Manual Link	Manual Link	Manual Link	Manual Link	Manual Link	Manual Link

CATEGORY	NETWORK VIDEO RECORDERS (NVR)				
MODEL NUMBERS	 Coming Soon DR-6232H Hybrid	 N04P	 N08P / N16P	 NVR4P	 NVR8P / NVR16P
DESCRIPTION	H.264	4ch, PoE, FHD NVR	8ch, PoE, FHD NVR; 16ch, PoE, FHD NVR	4ch, PoE, FHD NVR	8ch, PoE, FHD NVR; 16ch, PoE, FHD NVR
VIDEO COMPRESSION	480ips@960H + 240ips@1080p; or 960ips@1080p	H.264	H.264	H.264	H.264
MAX. RECORD & PLAYBACK RATE	2 / 3 / 5 / 6 (x2 for 2CIF, x4 for D1) / 960H	120-ips @ 1080p	240-ips @ 1080p; 480-ips @ 1080p	120-ips @ 1080p 80-ips @ 1536p	240-ips / 480-ips @ 1080p 160-ips / 320-ips @ 1536p
VIDEO INPUTS	16 BNC (looping) + 16 IP; or 32 IP	4 IP w/ PoE	8 / 16 IP w/ PoE	4 IP w/ PoE	8 / 16 IP w/ PoE
HDD BAYS & SIZES	4TB up to 24TB (6-HDD slots)	1TB up to 4TB (1-HDD slot)	2TB up to 8TB (2-HDD slot)	2TB up to 8TB (2 HDD slots)	2TB up to 20TB (8ch, 5 HDD slots) 3TB up to 20TB (16ch, 5-HDD slots)
CONNECTIONS					
HDMI	1	1	1	1	1
AUDIO IN (ETHERNET) / OUT (RCA)	16 RCA + 16 IP, or 32 IP / 1	4 / 1	8 or 16 / 1	4 / 1	8 or 16 / 1
USB	2 - v2.0	1 - v 2.0 1 - v 3.0	1 - v 2.0 1 - v 3.0	2 - v 2.0	2 - v 2.0
ARCHIVE MEDIA	2 x eSATA, 2 x USB (HDD or Flash)	eSATA, USB Flash Drive	eSATA, USB Flash Drive	eSATA, USB Flash Drive	eSATA, USB Flash Drive
ALARM IN / OUT	16 TTL + 16 IP / 4 relay + 16 IP; or 32 IP / 32 IP	4 / 1	8 / 1	4 / 4	8 or 16 / 4
ETHERNET	2 x Gigabit (RJ-45)	RJ-45 (10/1000 Base-T)	RJ-45 (10/1000 Base-T)	RJ-45 (10/1000 Base-T)	RJ-45 (10/1000 Base-T)
EMBEDDED POE SWITCH	-	IEEE 802.3af (4 ports)	IEEE 802.3af (8 / 16 ports)	IEEE 802.3af (4 ports)	IEEE 802.3af (8 / 16 ports)
IR REMOTE CONTROL & MOUSE	Yes (included)	Yes (included)	Yes (included)	Yes (included)	Yes (included)
RECORD / SEARCH MODES					
RECORD RESOLUTION	1920 x 1200 / 1920 x 1080 / 1680 x 1050 / 1600 x 1200	720 x 480 to 2048 x 1536	720 x 480 to 2048 x 1536	720x480 / 720P / 1080p / 1536p	720x480 / 720P / 1080p / 1536p
RECORD MODE	Schedule, Event, Pre-Event, Text-In and Panic	Manual, Schedule, Event, Network	Manual, Schedule, Event, Network	Manual, Schedule, Event, Network	Manual, Schedule, Event, Network
SEARCH MODE	Time-Lapse, Event log, Motion, Text-In	Date/Time, Calendar, Event	Date/Time, Calendar, Event	D/T, Calendar, Event, Motion, Protect, Capture	D/T, Calendar, Event, Motion, Protect, Capture
OPERATION					
USER INSTRUCTION MANUAL	Manual Link	Manual Link	Manual Link	Manual Link	Manual Link
# REMOTE CONNECTIONS	2-Admin, 10-Watch, 2-Search	10	10	10	10
# USERS	64 Groups, 256 Users	1-Admin; 10-Users	1-Admin; 10-Users	1-Admin; 10-Users	1 Admin; 10 Users
PTZ CONTROL	Yes	Yes	Yes	Yes	Yes
REMOTE ACCESSABILITY	iRAS, Webguard	ATVision IP, Browser	ATVision IP, Browser	ATVision IP, Browser	ATVision IP, Browser
QUICK SETUP GUIDE	Guide Link	Guide Link	Guide Link	Guide Link	Guide Link
ONVIF SUPPORT	Yes	Yes	Yes	Yes	Yes
MOBILITY SUPPORT	Android, iPhone, iPad	Android, iPhone, iPad	Android, iPhone, iPad	Android, iPhone, iPad	Android, iPhone, iPad
ACCESSORIES	LB3L Lock Box; eSATA devices	LB3S Lock Box; eSATA devices	XDLBB2 Lockbox; eSATA Devices	XDLBB2 Lock Box; eSATA devices	LB3L Lock Box; eSATA devices

CATEGORY	NVR / IP CAMERA KITS	
MODEL NUMBERS	 N4P1B4 / N4P1T4	 N8P2B4 / N8P2T4
DESCRIPTION	4ch PoE NVR + 4 Mini Bullet or Turret Cameras	8ch PoE NVR + 4 Mini Bullet or Turret Cameras
USER INSTRUCTION MANUAL	Manual Link	Manual Link
VIDEO COMPRESSION	H.264	H.264
MAX. RECORD & PLAYBACK RATE	120-ips @ 1080p	240-ips @ 1080p
VIDEO INPUTS	4 IP w/ PoE	8 IP w/ PoE
HDD BAYS & SIZES	1TB up to 4TB (1-HDD slot)	2TB up to 8TB (2-HDD slot)
HDMI	1	1
VGA	1	1
AUDIO IN (ETHERNET) / OUT (RCA)	4 / 1	8 / 1
USB	1 - v 2.0 1 - v 3.0	1 - v 2.0 1 - v 3.0
ARCHIVE MEDIA	eSATA, USB Flash Drive	eSATA, USB Flash Drive
Alarm In / Out	4 / 1	8 / 1
Ethernet	RJ-45 (10/100 Base-T)	RJ-45 (10/100 Base-T)
Embedded PoE Switch	IEEE 802.3af (4 ports)	IEEE 802.3af (8 ports)
IR Remote Control & Mouse	Yes (included)	Yes (included)
IPEMT2FI MINI TURRET OR IPEMB2FI MINI BULLET		
MULTI-STREAMING	2	2
FPS @ MAX. RESOLUTION	30-fps	30-fps
OUTDOOR IP RATING	IP66	IP66
IMAGE SENSOR	1/3" CMOS	1/3" CMOS
RESOLUTION	1920 x 1080	1920 x 1080
LENS	3.6mm Fixed	3.6mm Fixed
IR LED'S	24 LED's (60ft range)	24 LED's (60ft range)
Min. Scene Illum. (Lux)	0.2 (Color), 0.0 (BW, w/ IR On)	0.2 (Color), 0.0 (BW, w/ IR On)
WDR	Digital	Digital
Day/Night	TRUE	TRUE
Power Source & Consumption	12VDC / PoE 400mA / 100mA	12VDC / PoE 400mA / 100mA
Additional Features	ONVIF Profile S, BLC, AWB	ONVIF Profile S, BLC, AWB

CATEGORY	EXTERNAL STORAGE DEVICES
MODEL NUMBERS	 Various Models (Special Order; Call for Availability)
DESCRIPTION	E-SATA Storage Devices
HDD TRAYS	Hot-Swappable 3.5"
NUMBER OF HDD'S	Varies
RAID LEVEL	Pre-configured RAID 5
MAXIMUM CAPACITY	Up to 24TB
AUTO REBUILDING	Yes
HOT-SPARE	Yes
HOST INTERFACE	USB 3.0 & e-SATA
DRIVE INTERFACE	4 (or 5) x 3.5" SATAI / SATAII
POWER SOURCE & CONSUMPTION	115V-230V Switchable; 150W (4-bay), 220W (5-bay)
ADDITIONAL FEATURES	Rack or Desktop model; Power cord, e-SATA cable, USB 3.0 cable incl
USER INSTRUCTION MANUAL	Manual Link



ATVision IP Remote Management Software



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