Advantage Line Quick Selection Guide

Professional CCTV Solutions

Advantage Line Quick Selection Guide - Professional CCTV Solutions

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IP Cameras I

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►Box Cameras		NBC-225-P	NBC-255-P	NBC-265-P	NBC-255-W	NBC-265-W
Imaging	Image Sensor Type	1/4" CMOS	1/4" CMOS	1/4" CMOS	1/4" CMOS	1/4" CMOS
	Day/Night	—	—	—	—	—
	WDR	—	—	—	—	—
	IR Sensitive	—	—	—	—	—
	Motion Detection	Yes	Yes	Yes	Yes	Yes
	Privacy Zones	—	—	—	—	—
	IR Illumination LEDs	—	—	—	—	—
Max. Resolution	Color	VGA (640 x 480)	VGA (640 x 480)	HD 720p (1280 x 720)	VGA (640 x 480)	HD 720p (1280 x 720)
	B/W	—	—	—	—	—
Min. Ilumination	Color	1.0 lux	1.0 lux	1.0 lux	1.0 lux	1.0 lux
	B/W	—	—	—	—	—
Lens		4.9 mm Fixed	2.8-10 mm Manual-iris	2.8 - 8 mm Manual-iris	2.8 - 10 mm Manual-iris	2.8 - 8 mm Manual-iris
Night Vision / Infrared Range		—	—	—	—	—
Output Connection		Ethernet, RJ45	Ethernet, RJ45	Ethernet, RJ45	WiFi / Ethernet, RJ45	WiFi / Ethernet, RJ45
Wifi		—	—	—	IEEE 802.11b/g	IEEE 802.11b/g
Storage		SDHC Card	SDHC Card	SDHC Card	SDHC Card	SDHC Card
Environment	Operating Temperature	0° to 50° C	0° to 50° C	0° to 50° C	0° to 45° C	0° to 45° C
	All-weather Rating	—	—	—	—	—
Power	Max. Consumption	3.36 W	3.36 W	3.36 W	4.6 W	4.6 W
	Supply	+12 VDC or PoE	+12 VDC or PoE	+12 VDC or PoE	+12 VDC or PoE	+12 VDC or PoE

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▶Dome Cameras - IP 200 Series		NDC-225-P	NDC-255-P	NDC-225-PI	NDC-265-P	NDN-265-PIO
Imaging	Image Sensor Type	1/4" CMOS	1/4" CMOS	1/4" CMOS	1/4" CMOS	1/4" CMOS
	Day/Night	—	—	Yes	—	Yes
	WDR	—	—	—	—	—
	IR Sensitive	—	—	Yes	—	—
	Motion Detection	Yes	Yes	Yes	Yes	Yes
	Privacy Zones	—	—	—	—	—
	IR Illumination LEDs	—	—	33 @ 940 nm	—	15 @ 850 nm
Max. Resolution	Color	VGA (640 x 480)	VGA (640 x 480)	VGA (640 x 480)	HD 720p (1280 x 720)	HD 720p (1280 x 720)
	B/W	—	—	—	—	—
Min. Ilumination	Color	1.0 lux	1.0 lux	1.0 lux	1.0 lux	1.0 lux
	B/W	—	—	0 lux (IR on)	—	—
Lens		4 mm Fixed	2.8-10 mm Auto-iris	4 mm Fixed	2.7 - 9 mm DC Auto-iris	2.7 - 9 mm DC Auto-iris
Night Vision / Infrared Range		—	—	15m	—	—
Output Connection		Ethernet, RJ45	Ethernet, RJ45	Ethernet, RJ45	Ethernet, RJ45	Ethernet, RJ45
Wifi		—	—	—	—	—
Storage		microSDHC Card	microSDHC Card	microSDHC Card	microSDHC Card	microSDHC Card
Environment	Operating Temperature	0° to 50° C	0° to 50° C	-10° to 50° C	-10° to 50° C	-20° to 50° C
	All-weather Rating	—	—	—	—	IP66, IK10
Power	Max. Consumption	4.1 W	4.1 W	6.6 W	4.1 W	4.1 W
	Supply	+12 VDC or PoE	+12 VDC or PoE	+12 VDC or PoE	+12 VDC or PoE	+12 VDC or PoE

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IP Cameras III

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▶Micro Dome Cameras		NDC-274-P	NDC-274-PT	NDC-284-PT
Imaging	Image Sensor Type	1/2.7" CMOS	1/2.7" CMOS	1/2.7" CMOS
	Day/Night	—	—	—
	WDR	—	—	—
	IR Sensitive	—	—	—
	Motion Detection	Yes	Yes	Yes
	Privacy Zones	—	—	—
	IR Illumination LEDs	—	—	—
Max. Resolution	Color	HD 1080p (1920 x 1080)	HD 1080p (1920 x 1080)	5 MegaPixel (2592x 1944)
	B/W	—	—	—
Min. Ilumination	Color	0.3 lux	0.3 lux	0.3 lux
	B/W	—	—	—
Lens		4.37 mm Fixed	4.37 mm Fixed	3.74 mm Fixed
Night Vision / Infrared Range		—	—	—
Output Connection		Ethernet, RJ45	Ethernet, RJ45	Ethernet, RJ45
Wifi		—	—	—
Storage		microSDHC Card	microSDHC Card	microSDHC Card
Environment	Operating Temperature	-20° to 50° C	-20° to 50° C	-20° to 50° C
	All-weather Rating	—	IP66, IK08	IP66, IK08
Power	Max. Consumption	3.9 W	3.9 W	3.9 W
	Supply	+12 VDC or PoE	+12 VDC or PoE	+12 VDC or PoE

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►Bullet Cameras		NTC-255-PI	NTC-265-PI
Imaging	Image Sensor Type	1/4" CMOS	1/4" CMOS
	Day/Night	Yes	Yes
	WDR	—	—
	IR Sensitive	Yes	Yes
	Motion Detection	Yes	Yes
	Privacy Zones	—	—
	IR Illumination LEDs	32 @ 850 nm	32 @ 850 nm
Max. Resolution	Color	VGA (640 x 480)	HD 720p (1280 x 720)
	B/W	—	—
Min. Ilumination	Color	1 lux (IR off)	1 lux (IR off)
	B/W	0 lux (IR on)	0 lux (IR on)
Lens		3.7 - 10 mm DC Auto-iris	2.7 - 9 mm DC Auto-iris
Night Vision / Infrared Range		25m	25m
Output Connection		Ethernet, RJ45	Ethernet, RJ45
Wifi		—	—
Storage		—	—
Environment	Operating Temperature	-20° to 55° C	-20° to 55° C
	All-weather Rating	IP66	IP66
Power	Max. Consumption	6 W	6 W
	Supply	+12 VDC or PoE	+12 VDC or PoE

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Analog Cameras I

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▶Box Cameras		VBC-255-11	VBC-255-51	VBC-265-11	VBC-265-51
Imaging	Image Sensor Type	1/3" CCD	1/3" CCD	1/3" CCD	1/3" CCD
	Day/Night	NightSense	NightSense	Yes	Yes
	WDR	—	—	—	—
	IR Sensitive	—	—	Yes	Yes
	Motion Detection	—	—	—	—
	Privacy Zones	—	—	—	—
	IR Illumination LEDs	—	—	—	—
Max. Resolution	Color	540 TVL	540 TVL	540 TVL	540 TVL
	B/W	—	—	540 TVL	540 TVL
Min. Ilumination	Color	0.3 lux	0.3 lux	0.3 lux	0.3 lux
	B/W	0.12 lux	0.12 lux	0.012 lux	0.012 lux
Lens	Lens	—	—	—	—
	Optical Zoom	—	—	—	—
Night Vision / Infrared Range		—	—	—	—
Output Connection	Video Output	BNC Connector	BNC Connector	BNC Connector	BNC Connector
	PTC Control	—	—	—	—
Storage		—	—	—	—
Environment	Operating Temperature	-20° to 50° C	-20° to 50° C	-20° to 50° C	-20° to 50° C
	All-weather Rating	—	—	—	—
Power	Max. Consumption	4.0 W	4.0 W	4.0 W	4.0 W
	Supply	24 VAC, 12 VDC	230VAC	24 VAC, 12 VDC	230VAC

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Analog Cameras II

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►MiniDomes Indoor		VDC-250F04-20	VDC-260-V04-20	VDC-275-10	VDN-276-10	VDN-295-10
Imaging	Image Sensor Type	1/3" CCD	1/3" CCD	1/3" CCD	1/3" CCD	1/3" CCD
	Day/Night	Yes	Yes	—	Yes	Yes
	WDR	—	—	—	—	Yes
	IR Sensitive	Yes	Yes	—	Yes	Yes
	Motion Detection	4 Zones	4 Zones	4 Zones	4 Zones	4 Zones
	Privacy Zones	4 Zones	4 Zones	4 Zones	4 Zones	15 Zones
	IR Illumination LEDs	—	—	—	—	—
Max. Resolution	Color	540 TVL	540 TVL	720 TVL*	720 TVL*	720 TVL*
	B/W	580 TVL	580 TVL	n/a	n/a	n/a
Min. Ilumination	Color	0.15 lux	0.15 lux	0.12 lux	0.12 lux	0.15 lux
	B/W	0.05 lux	0.05 lux	0.07 lux	0.07 lux	0.05 lux
Lens	Lens	3.8 mm Fixed	3.8 - 9.5 mm DC Iris	2.8 - 10.5 mm Auto-iris	2.8 - 10.5 mm Auto-iris	2.8 - 10.5 mm Auto-iris
	Optical Zoom	—	—	—	—	—
Night Vision / Infrared Range		—	—	n/a	n/a	n/a
Output Connection	Video Output	BNC Connector	BNC Connector	BNC Connector	BNC Connector	BNC Connector
	PTC Control	—	—	—	—	—
Storage		—	—	—	—	—
Environment	Operating Temperature	-10° to 50° C	-10° to 50° C	-10° to 50° C	-10° to 50° C	-10° to 50° C
	All-weather Rating	—	—	—	—	—
Power	Max. Consumption	3.8 W	3.8 W	3.6 W	3.6 W	3.6 W
	Supply	24 VAC, 12 VDC	24 VAC, 12 VDC	24 VAC, 12 VDC	24 VAC, 12 VDC	24 VAC, 12 VDC

* = sensor resolution

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Analog Cameras III

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►MiniDomes Outdoor		VDC-240V03-2	VDN-240V03-2	VDI-240V03-2 IR	VDI-245V03-2 IR
Imaging	Image Sensor Type	1/3" CCD	1/3" CCD	1/3" CCD	1/3" CCD
	Day/Night	—	Yes	Yes	Yes
	WDR	—	—	—	—
	IR Sensitive	—	Yes	Yes	Yes
	Motion Detection	4 Zones	4 Zones	—	64 Zones
	Privacy Zones	4 Zones	4 Zones	—	4 Zones
	IR Illumination LEDs	—	—	20 @ 850 nm	18 @ 850 nm
Max. Resolution	Color	540 TVL	540 TVL	540 TVL	540 TVL
	B/W	n/a	580 TVL	580 TVL	540 TVL
Min. Ilumination	Color	0.05 lux	0.05 lux	0.05 lux	—
	B/W	n/a	0.005 lux	0 lux (IR on)	0 lux (IR on)
Lens	Lens	2.8 - 10.5 mm Auto-iris	2.8 - 10.5 mm Auto-iris	3.8 -9.5 mm Auto-iris	3 - 12 mm Auto-iris
	Optical Zoom	—	—	—	—
Night Vision / Infrared Range		n/a	n/a	20m	18m
Input/Output Connection	Video Output	BNC Connector	BNC Connector	BNC Connector	BNC Connector
	PTC Control	—	—	—	—
Storage		—	—	—	—
Environment	Operating Temperature	-10° to 50° C	-10° to 50° C	-10° to 50° C	−30° to 55° C
	All-weather Rating	IP66	IP66	IP66	IP66
Power	Max. Consumption	3.6 W	3.6 W	6 W	4.5 W
	Supply	24 VAC, 12 VDC	24 VAC, 12 VDC	24 VAC, 12 VDC	24 VAC, 12 VDC

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Analog Cameras IV

►PTZ Dome Mini Outdoor		VEZ-413-EWCS	VEZ-413-ECCS	VEZ-413-EWTS	VEZ-413-ECTS
Imaging	**Image Sensor Type**	1/4" CCD	1/4" CCD	1/4" CCD	1/4" CCD
	Day/Night	Yes	Yes	Yes	Yes
	WDR	Yes	Yes	Yes	Yes
	IR Sensitive	Yes	Yes	Yes	Yes
	Motion Detection	—	—	—	—
	Privacy Zones	15 Zones	15 Zones	15 Zones	15 Zones
	IR Illumination LEDs	—	—	—	—
Max. Resolution	**Color**	600 TVL	600 TVL	600 TVL	600 TVL
	B/W	600 TVL	600 TVL	600 TVL	600 TVL
Min. Ilumination	**Color**	0.2 lux	0.2 lux	0.2 lux	0.2 lux
	B/W	0.001 lux	0.001 lux	0.001 lux	0.001 lux
Lens	**Lens**	3.5 - 104 mm Zoom	3.5 - 104 mm Zoom	3.5 - 104 mm Zoom	3.5 - 104 mm Zoom
	Optical Zoom	26X	26X	26X	26X
Night Vision / Infrared Range		—	—	—	—
Input/Output Connection	**Video Output**	BNC Connector	BNC Connector	BNC Connector	BNC Connector
	PTC Control	RS485	RS485	RS485	RS485
Storage		—	—	—	—
Environment	**Operating Temperature**	-40° to 50° C	-40° to 50° C	-40° to 50° C	-40° to 50° C
	All-weather Rating	IP66	IP66	IP66	IP66
Power	**Max. Consumption**	20W / 45W w.heater	20W / 45W w.heater	20W / 45W w.heater	20W / 45W w.heater
	Supply	24 VAC	24 VAC	24 VAC	24 VAC

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Analog Cameras V

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►IR Bullet Cameras Outdoor		VTI-214F04-3	VTI-216V04-1	VTI-218V03-1	VTI-220V05-1
Imaging	Image Sensor Type	1/3" CCD	1/3" CCD	1/3" CCD	1/3" CCD
	Day/Night	Yes	Yes	Yes	Yes
	WDR	—	—	—	—
	IR Sensitive	Yes	Yes	Yes	Yes
	Motion Detection	—	—	64 Zones	64 Zones
	Privacy Zones	—	—	4 Zones	4 Zones
	IR Illumination LEDs	30 @ 850 nm	18 @ 850 nm	18 @ 850 nm	30 @ 850 nm
Max. Resolution	Color	380 TVL	520 TVL	540 TVL	540 TVL
	B/W	—	—	—	—
Min. Ilumination	Color	—	—	—	—
	B/W	0 lux (IR on)	0 lux (IR on)	0 lux (IR on)	0 lux (IR on)
Lens	Lens	4 mm Fixed	3.8 - 9.5 mm DC Auto-iris	2.8 -12 mm DC Auto-iris	5 - 50 mm DC Auto-iris
	Optical Zoom	—	—	—	—
Night Vision / Infrared Range		15 m	20 m	20 m	45 m
Input/Output Connection	Video Output	BNC Connector	BNC Connector	BNC Connector	BNC Connector
	PTC Control	—	—	—	—
Storage		—	—	—	—
Environment	Operating Temperature	−30° to 50° C	−30° to 55° C	−30° to 50° C	−30° to 55° C
	All-weather Rating	IP67	IP67	IP66	IP66
Power	Max. Consumption	4.2 W	4.2 W	6.7 W	8 W
	Supply	12 VDC	24 VAC and 12 VDC	24 VAC and 12 VDC	24 VAC and 12 VDC

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►Bullet Cameras		VTC-204F03-3	VTC-206F03-3
Imaging	Image Sensor Type	1/3" CCD	1/3" CCD
	Day/Night	—	—
	WDR	—	—
	IR Sensitive	—	—
	Motion Detection	—	—
	Privacy Zones	—	—
	IR Illumination LEDs	—	—
Max. Resolution	Color	380 TVL	600 TVL
	B/W	—	—
Min. Ilumination	Color	0.5 lux	0.1 lux
	B/W	—	—
Lens	Lens	3.6 mm Fixed	3.6 mm Fixed
	Optical Zoom	—	—
Night Vision / Infrared Range		—	—
Input/Output Connection	Video Output	BNC Connector	BNC Connector
	PTC Control	—	—
Storage			
Environment	Operating Temperature	-10° to 50° C	-10° to 50° C
	All-weather Rating	IP67	IP67
Power	Max. Consumption	3.6 W	3.6 W
	Supply	12 VDC	12 VDC

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Brackets VEZ 400

VEZ-A4-PC
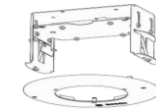VEZ-400 Pipe mount charcoal

VEZ-A4-PW
VEZ-400 Pipe mount white

VEZ-A4-WC
VEZ-400 Wall mount charcoal

VEZ-A4-WW
VEZ-400 Wall mount white

VEZ-A4-IC
VEZ-400 In-celling mount

Brackets IP 200 Dome

VDA-FMT IP200 Dome
Flush mount celling kit IP 200 Dome
NDC 225 / NDC 255 / NDC 265

NDA-WMT IP200 Dome
Wall mount IP 200 Dome

NDA-MBR IP200 Dome
Camera adaptor bracket IP 200 Dome

Power Supplies

UPA-2420-50
Power supply unit 220 VAC 50Hz,
24 VAC 20 VA out

UPA-2450-50
Power supply unit 220 VAC 50Hz,
24 VAC 50 VA out

UPA-1216-50
Power supply unit 220 VAC 50Hz,
12VDC 1A out, universal plug

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Digital Video Recorders I

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		DVR 400 Series	DVR 600 Series
System	**Target System Size**	1 - 8 cameras	8 - 16 cameras
	Operating System	Embedded	Embedded
	Rack Module	No	Yes
	SDK Available	Yes (V4.4x)	Yes (V4.4x)
Video	**Input Channels**	4, 8	8, 16
	Output **Looping Video**	Yes	Yes
	Composite	1	0
	VGA	Yes	2
	HDMI	No	Yes (DVR 670)
	Spot Monitor	1	1
Audio	**Input Channels**	1	4
	Output Channels	1	2
	Synchronous Audio	Yes	Yes
	Associate Multiple Cameras to 1 Audio	Yes	Yes
Storage	**Internal HDD/Expandable**	500 GB	500, 1000, 2000 GB
	Export **Supported Devices**	USB 1.1 and USB 2.0	Internal CD/DVD Writer, USB 2.0
	Data Format	Native File Format	Native File Format
	Back-up Mode	n/a	Manual or Automatic

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Digital Video Recorders II

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	DVR 400 Series	DVR 600 Series
Alarms		
Inputs	4, 8	8, 16
Relay Outputs	1 or 4	4
Call up Pre-position on Dome Cameras	Yes	Yes
Increase Frame Rate on Alarm	Yes	Yes
Simultaneous Normal & Event Recording	Yes	Yes
Multiple Camera Linking on Alarm Event	Yes	Yes
Notification on Email	Yes	Yes
Pre-alarm	Yes	Up to 30 seconds
Motion Detection	Yes	Yes
Reccording		
Video Compression	H.264	H.264
Frame Rate (IPS) / IPS per Camera	50IPS@4CIF (4ch)	100IPS@4CIF (8ch, 630/650)
	50IPS@4CIF (8ch)	100IPS@4CIF (16ch, 630/650)
		200IPS@4CIF (8ch, 670)
		400IPS@4CIF (16ch, 670)
Rec. Resolution	CIF/2CIF/4CIF	CIF/2CIF/4CIF
Individual Cameras Adjustment (IPS & Quality)	Yes	Yes
Schedule Recording Modes	Day/Week/Specific Day/32 Exception Days	Day/Week/Specific Day/32 Exception Days

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Digital Video Recorders III

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		DVR 400 Series	DVR 600 Series
Search	**Timeline Search Bar (Color-coded)**	Yes	Yes
	Search Mode	Date time, Events, Motion, Smart Motion Search	Date time, Events, Motion, Smart Motion Search
	Smart Motion Search	Yes	Yes
Display	**Live Resolution**	704x576	704x576
	Screen Division	Full, Sequence, 2x2, 3x3 (8ch)	Full, Sequence, 2x2, 3x2, 3x3, 4x4, 5+1, 7+1, 12+1
Security	**User Control** **User Levels**	3	3
	Camera Lockouts by User	Yes	Yes
	Set Viewing Permissions	Yes	Yes
Remote Access	**Data Integrity Check (Watermarking, etc.)**	Yes	Yes
	Network	10/100 Ethernet	10/100 Ethernet
	Web Browser Access	Yes	Yes
	Simultaneous Accessible Users	4	4
	Admin control	Yes	Yes
Other	**PTZ Control**	Yes	Yes
	Export Options	Native File Format and .AVI	Native File Format and .AVI
	Instant Playback	Yes	Yes
	Digital Zoom (Live)	Yes	Yes
	PTZ Joystick Control	No	Yes

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