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Advantage Line Quick Selection Guide

Professional CCTV Solutions



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Advantage Line Quick Selection Guide - Professional CCTV Solutions IP Cameras I



► 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. Illumination	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. Illumination	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



► Micro Dome Cameras

NDC-274-P

NDC-274-PT

NDC-284-PT

		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. Illumination	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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IP Cameras IV



► 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. Illumination	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



► Box Cameras

VBC-255-11

VBC-255-51

VBC-265-11

VBC-265-51

		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. Illumination	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



► MiniDomes Indoor

VDC-250F04-20

VDC-260-V04-20

VDC-275-10

VDN-276-10

VDN-295-10

		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. Illumination	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



► MiniDomes Outdoor

VDC-240V03-2

VDN-240V03-2

VDI-240V03-2



VDI-245V03-2



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. Illumination	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. Illumination	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	3.5 - 104 mm	3.5 - 104 mm	3.5 - 104 mm
		Zoom	Zoom	Zoom	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



► 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. Illumination	Color	—	—	—	—
	B/W	0 lux (IR on)	0 lux (IR on)	0 lux (IR on)	0 lux (IR on)
Lens	Lens	4 mm	3.8 - 9.5 mm	2.8 -12 mm	5 - 50 mm
		Fixed	DC Auto-iris	DC Auto-iris	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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Analog Cameras VI



► 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. Illumination	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

Advantage Line Quick Selection Guide - Professional CCTV Solutions Accessories



Brackets VEZ 400



VEZ-A4-PC
VEZ-400 Pipe mount charcoal



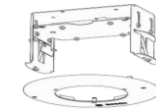
VEZ-A4-PW
VEZ-400 Pipe mount white



VEZ-A4-WC
VEZ-400 Wall mount charcoal



VEZ-A4-WW
VEZ-400 Wall mount white



VEZ-A4-IC
VEZ-400 In-ceiling mount

Brackets IP 200 Dome



VDA-FMT IP200 Dome
Flush mount ceiling 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



DVR 400 Series

DVR 600 Series

		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



DVR 400 Series

DVR 600 Series

	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
Recording	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



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	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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