

FlexiDome Cameras Quick Guide



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		FlexiDome I Series 	FlexiDome II Series 	FlexiDomeVF 	FlexiDomeXT+ 	FlexiDomeXF 	FlexiDomeDN 
Imaging Features	Image sensor type	1/4" Interlaced CCD	1/4" Interlaced CCD	1/3" Interlaced CCD	1/3" Interlaced CCD	1/3" Interlaced CCD	1/3" Interlaced CCD
	Day/Night – NightSense	No	No	Yes	Yes	Yes	Yes
	Day/Night – IR sensitive (removable IR filter)	No	No	No	No	No	Yes
	XF-Dynamic - Extended dynamic range	No	No	No	No	32x range	32x range
	SensUp - Enhanced sensitivity	No	No	No	No	Yes	Yes
	Automatic gain control (AGC)	Yes	Yes	Yes	Yes	Yes	Yes
	Backlight compensation (BLC)	Yes	Yes	Yes	Yes	Yes (programmable area)	Yes (programmable area)
	Automatic white balance (color models)	Auto/Hold	Auto/Hold	Auto/Hold	Auto/Hold	Auto/Hold/Manual	Auto/Hold/Manual
	AutoBlack	No	No	Yes	Yes	Yes	Yes
	Dynamic Noise Reduction (DNR)	No	No	No	No	Yes	Yes
Resolution	Video motion detection	No	No	No	No	Yes (Multizone)	Yes (Multizone)
Sensitivity (lux)	Maximum resolution (color)	330 TVL	470 TVL	540 TVL	540 TVL	540 TVL	540 TVL
	Maximum resolution (monochrome)	380 TVL	570 TVL	570 TVL	570 TVL	540 TVL	540 TVL
	Color	2.0 (F2.0, 30 IRE)	2.0 (F2.0, 30 IRE)	0.44 *	0.44 *	0.16 (F1.0, 30 IRE)	0.32 *
	Color w/NightSense or Day/Night	N/A	N/A	0.18 *	0.18 *	0.056 (F1.0, 30 IRE)	0.11 *
Lenses	Color w/SensUp	N/A	N/A	N/A	N/A	0.016 (F1.0, 30 IRE)	0.032 *
	Monochrome	0.3 (F2.0, 30 IRE)	0.3 (F2.0, 30 IRE)	0.09 (F1.4, 30 IRE)	0.09 (F1.4, 30 IRE)	N/A	N/A
	Focal length/F-stop	2.1 mm, f/2.0 3.0 mm, f/2.0 6.0 mm, f/2.0	2.1 mm, f/2.0 3.0 mm, f/2.0 6.0 mm, f/2.0	2.6 - 6.0 mm, f/1.4 4.0 - 9.0 mm, f/1.6 9.0 - 22 mm, f/1.4	2.6 - 6.0 mm, f/1.4 3.7 - 12.0 mm, f/1.6 9.0 - 22 mm, f/1.4	3.0 - 9.5 mm, f/1.0 3.7 - 12.0 mm, f/1.6 9.0 - 22 mm, f/1.4	3.0 - 9 mm, f/1.4 9.0 - 22 mm, f/1.4
Housing and Power	Impact rating	Low impact	Low impact	Low impact	100lbs. direct force	100lbs. direct force	100lbs. direct force
	Ingress rating	No	No	No	IP66/NEMA 4X	IP66/NEMA 4X	IP66/NEMA 4X
	Vandal resistant	No	No	No	Yes	Yes	Yes
	Temperature range (operating)	-10°C to +45°C	-10°C to +45°C	-10°C to +45°C	-50°C to +50°C	-50°C to +50°C	-50°C to +50°C
	Voltage range	12 to 28 VDC 12 to 28 VAC	12 to 28 VDC 12 to 28 VAC	10.8 to 39 VDC 12 to 28 VAC	10.8 to 39 VDC 12 to 28 VAC	10.8 to 39 VDC 12 to 28 VAC	10.8 to 39 VDC 12 to 28 VAC
	Power consumption	2W for all voltages	2W for all voltages	4W for all voltages	6W for all voltages	6W for all voltages	6W for all voltages
Installation/Service	Bilinx remote configuration tool	No	No	Yes	Yes	Yes	Yes
	On-screen display	No	No	Yes	Yes	Yes	Yes
	Focus aid	No	No	Yes	Yes	Yes	Yes
	Lens focus wizard	No	No	Yes	Yes	Yes	Yes
	Service monitor output	No	No	Yes	Yes	Yes	Yes
Warranty	Coverage period	3 years	3 years	3 years	3 years	3 years	3 years

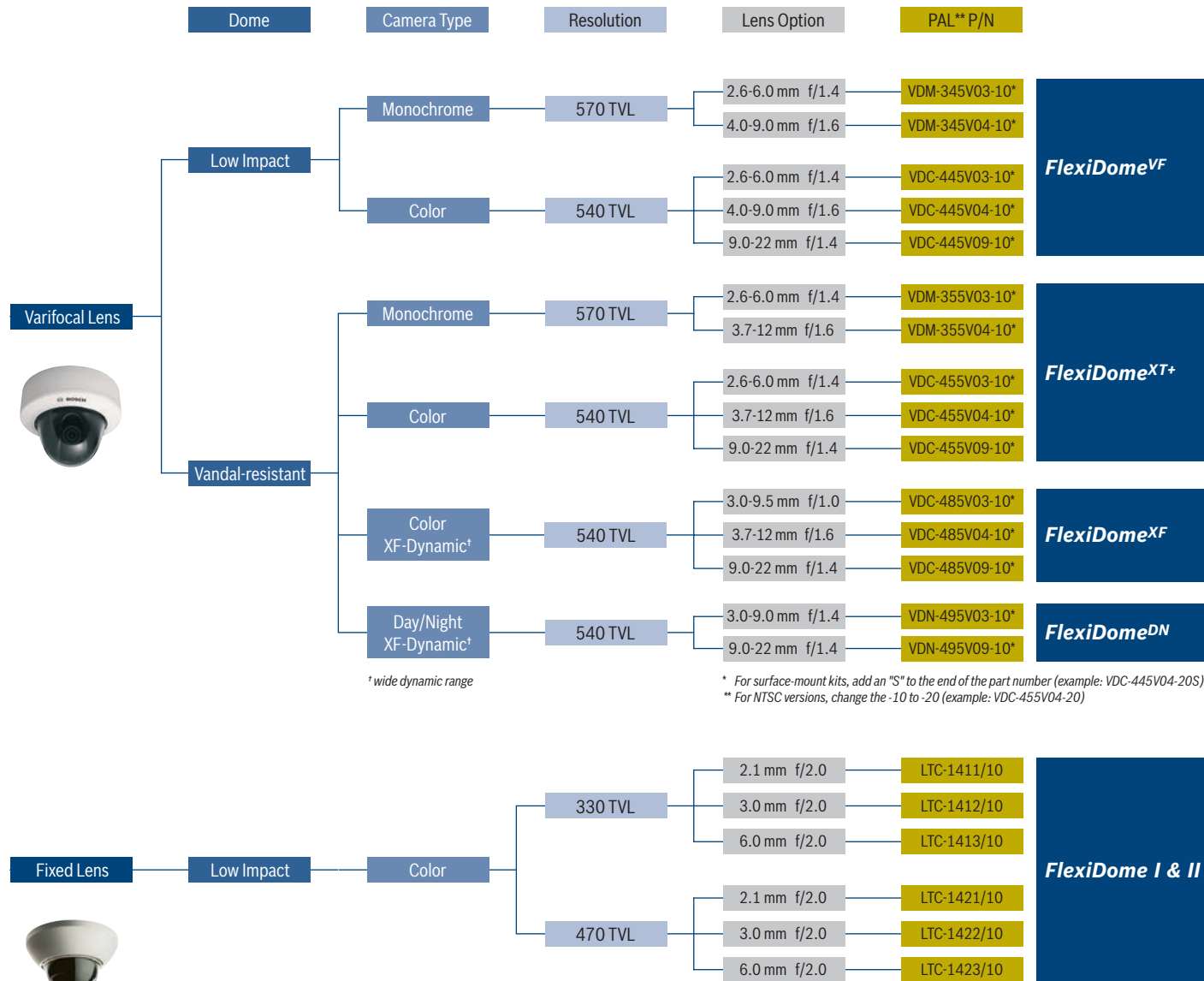
* (F1.4 Lens, 89% reflectance, 30 IRE)

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Camera Selection Chart



Optional Mounts

Pendant Wall Mount

VDA-445WMT



Pendant Pipe Mount

VDA-455PMT



Corner Wall Mount

VDA-455CMT



Hardware and Accessories

Power Supplies

UPA-2420-50 Input; 230 VAC, 50Hz, Single Output; 24 VAC, 20 VA

UPA-2450-50 Input; 230 VAC, 50Hz, Single Output; 24 VAC, 50 VA

Surface Mount Box

VDA-445SMB Surface mount box for FlexiDome^{VF}

VDA-455SMB High impact surface mount box for FlexiDome^{VF}, ^{XT+}, ^{XF}, ^{DN}

UTP Adapter

VDA-455UTP Converts BNC/Coax to UTP for transmission of composite video over Cat5/Cat5e/Cat6 UTP cabling

Service/Monitor Cable

S1460 1-meter 2.5mm connector to BNC (FlexiDome^{VF}, ^{XT+}, ^{XF}, ^{DN})

Bilinx Configuration Tool

VP-CFGSFT Setup and configure cameras over the video cable (FlexiDome^{VF}, ^{XT+}, ^{XF}, ^{DN})