







# 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
	Color models	Yes	Yes	Yes	Yes	Yes	Yes
	Monochrome models	Yes	Yes	Yes	Yes	No	No
	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
	Video motion detection	No	No	No	No	Yes (Multizone)	Yes (Multizone)
Resolution	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
Sensitivity (lux)	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 *
	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
Lenses	Focal length/F-stop	2.1mm, f/2.0	2.1mm, f/2.0	2.6 - 6.0mm, f/1.4	2.6 - 6.0mm, f/1.4	3.0 - 9.5mm, f/1.0	3.0 - 9mm, f/1.4
		3.0mm, f/2.0	3.0mm, f/2.0	4.0 - 9.0mm, f/1.6	3.7 - 12.0mm, f/1.6	3.7 - 12.0mm, f/1.6	
		6.0mm, f/2.0	6.0mm, f/2.0				
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
	Tamper-proof	No	No	No	Yes	Yes	Yes
	Temperature range (operating)	14 – 113°F	14 – 113°F	14 – 113°F	-58 – 122°F	-58 – 122°F	-58 – 122°F
	Voltage range	12 to 28 VDC	12 to 28 VDC	10.8 to 39 VDC	10.8 to 39 VDC	10.8 to 39 VDC	10.8 to 39 VDC
		12 to 28 VAC	12 to 28 VAC	12 to 28 VAC	12 to 28 VAC	12 to 28 VAC	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)

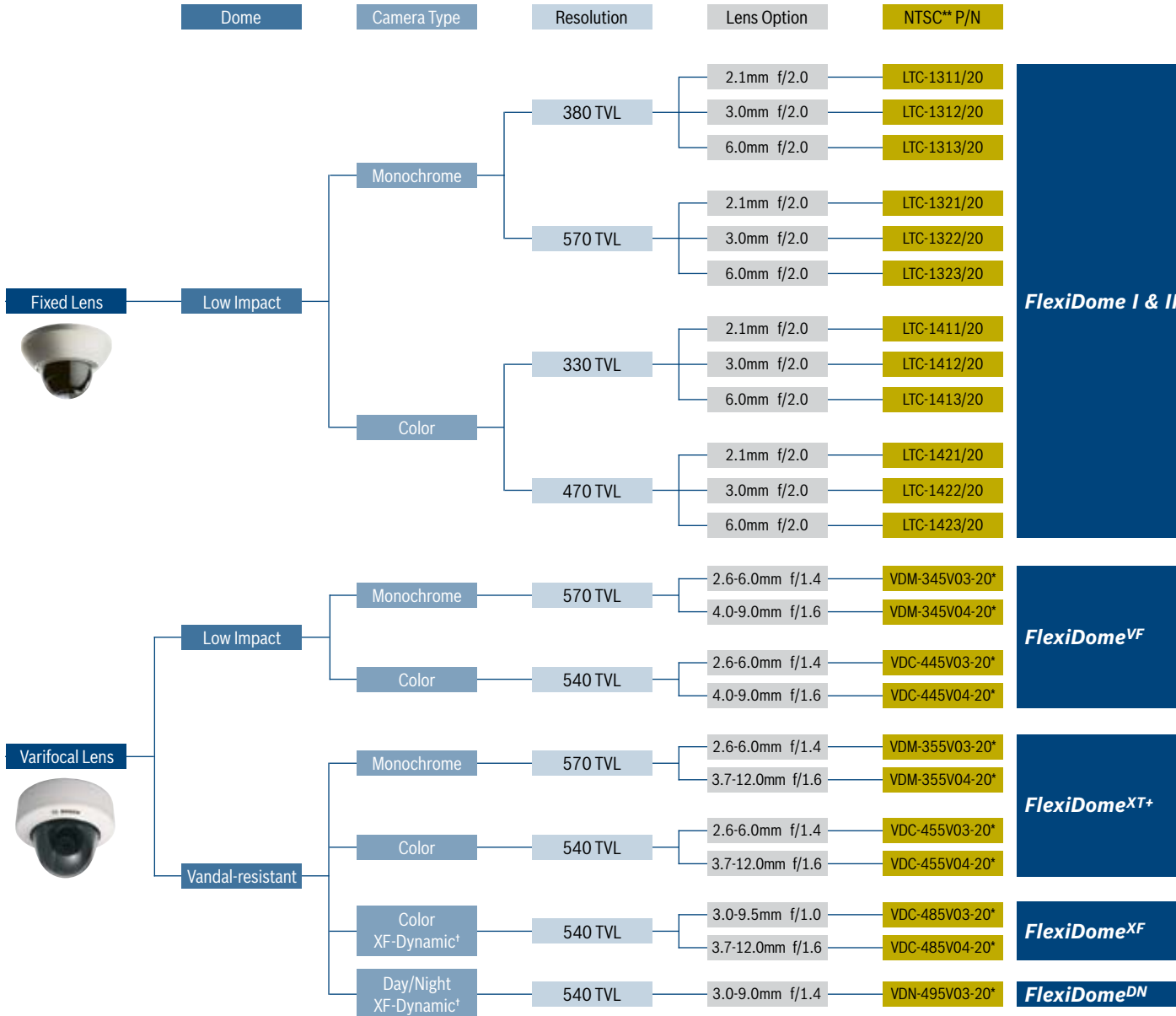
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## Camera Selection Chart



\* wide dynamic range

\* For surface-mount kits, add an "S" to the end of the part number (example: VDC-445V04-20S)

\*\* For PAL versions, change the -20 to -10 (example: VDC-455V04-10)

part # F01U500968D

## Optional Mounts

### Pendant Wall Mount

VDA-445WMT



### Pendant Pipe Mount

VDA-455PMT



### Corner Wall Mount

VDA-455CMT



## Hardware and Accessories

### Power Supplies

TC1323 Input; 120 VAC, 60Hz, Single Output; 24 VAC, 10 VA

TC1334 Input; 120 VAC, 60Hz, Single Output; 24 VAC, 30 VA

### Surface Mount Box

VDA-445SMB Surface mount box for FlexiDome<sup>VF</sup>

VDA-455SMB High impact surface mount box for FlexiDome<sup>XT+</sup>, <sup>XF</sup>, <sup>DN</sup>

### 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<sup>VF</sup>, <sup>XT+</sup>, <sup>XF</sup>, <sup>DN</sup>)

### Bilinx Configuration Tool

VP-CFGSFT Setup and configure cameras over the video cable (FlexiDome<sup>VF</sup>, <sup>XT+</sup>, <sup>XF</sup>, <sup>DN</sup>)