

# B/W Camera Function Chart

Model		Non TV Format						TV Format					
		XC-HR70	XC-HR50	XC-HR57	XC-HR58	XC-56	XC-56BB	XC-ST70 XC-ST70CE	XC-ST50 XC-ST50CE	XC-ST51 XC-ST51CE	XC-ST30 XC-ST30CE	XC-ES30 XC-ES30CE	
Image device	Progressive Scan	●	●	●	●	●	●						
	CCD	1/1.8 type											
		1/6 type											
		1/4 type											
		1/4.7 type											
		1/3 type	●	●			●	●				●	●
		1/2 type			●	●				●	●		
		2/3 type							●				
		3CCD											
Square Pixel	●	●	●	●	●	●							
Lens mount	C	●	●	●	●	●		●	●	●	●	●	
	NF						●						
Lens	Single focal length												
	Zoom												
	Automatic focus												
Output	VS (Video Sync.)	*1 ●	*1 ●	*1 ●	*1 ●	*1 ●	*1 ●	●	●	●	●	●	
	VBS												
	RGB												
	Y/C												
	VGA format		*1 ●	*1 ●		*1 ●	*1 ●						
	SVGA format				*1 ●								
	XGA format	*1 ●											
	SXGA format												
	UXGA format												
	1N non interface	● (1/30 sec.)	● (1/60 sec.)	● (1/60 sec.)	● (1/50 sec.)	● (1/30 sec.)	● (1/30 sec.)						
	High-rate scanning	●	●	●	●								
	Intelligent												
	Digital												
		IEEE1394											
	Camera Link compatible												
External synchronization	HD/VD	●	●	●	●	●	●	●	●	●	●	●	
	VS							●	●	●	●		
	VBS												
	V-Lock												
Restart/Reset	●	●	●	●	●	●	●	●	●	●	●		
Long exposure	●	●	●	●	●	●	●	●	●	●	●		
Shutter	Normal	●	●	●	●	●	●	●	●	●	●		
	External trigger shutter	E-DONPISHA											
		E-DONPISHA II											
		Mode1 (Non-reset mode)	●	●	●	●	●	●	●	●	●	●	
		Mode2 (Reset mode)	●	●	●	●	●	●	●	●	●	●	
Others													
One shot													
CCD Iris													
White balance	ATW												
	AUTO												
	One push												
	Fixed												
	Manual												
Others	Pan/Tilt/Zoom												
	Remote head						●						
	Negative/positive reversal												
	Vertical flip												
	Horizontal flip												
	E-ZOOM												
	RS-232C control												
	RS-422 control												
	Power saving												
	Quick start												
	Automatic follow-up system												
	Alarm												
	Date/time display												
	Ceiling mounting correspondence												
	Near infrared ray measures												
	Near ultraviolet ray measures												
	Ultraviolet ray measures												
Partial scanning*													
See page	10	14	14	18	22	26	32	32	32	32	36		

\*1: When the image input board is connected

Model		TV Format						Intelligent	Digital Interface							
		XC-ES50 XC-ES50CE	XC-ES51 XC-ES51CE	XC-ES50L XC-ES50LCE	XC-EI30 XC-EI30CE	XC-EI50 XC-EI50CE	XC-EU50 XC-EU50CE		XCI-SX1	XCD-SX910UV	XCD-SX910	XCD-X710	XCD-V50	XCL-X700	XCL-V500	XCL-U1000
Image device	Progressive Scan							●	●	●	●	●	●	●	●	
	CCD	1/1.8 type														●
		1/6 type														
		1/4 type														
		1/4.7 type														
		1/3 type				●					●	●	●	●		
		1/2 type	●	●	●		●	●	●	●	●					
		2/3 type														
3CCD																
Lens mount	Square Pixel							●	●	●	●	●	●	●	●	
	C	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Lens	NF															
	Single focal length															
	Zoom															
Output	Automatic focus															
	VS (Video Sync.)	●	●	●	●	●	●									
	VBS															
	RGB															
	Y/C															
	VGA format										●			●		
	SVGA format															
	XGA format										●			●		
	SXGA format							●	●	●						
	LXGA format														●	
	1N non interlace															
	High-rate scanning							●					●	●	●	
	Intelligent							●								
	Digital	IEEE1394								●	●	●	*3			
	Camera Link compatible											●	●	●		
External synchronization	HD/VD	●	●	●	●	●	●						●	●		
	VS															
	VBS															
	V-Lock															
Restart/Reset	●	●	●	●	●	●						●	●			
Long exposure	●	●	●	●	●	●	●	●	●	●	●	●	●			
Shutter	Normal	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
	External trigger shutter	E-DONPISHA														
		E-DONPISHAII														
		Mode1 (Non-reset mode)	●	●	●	●	●	●					●	●		
		Mode2 (Reset mode)	●	●	●	●	●	●					●	●	●	
Others							●	*2	*2	*2	*3					
One shot							●	●	●	●						
CCD Iris								●	●	●						
White balance	ATW															
	AUTO															
	One push															
	Fixed															
	Manual															
Others	Pan/Tilt/Zoom															
	Remote head															
	Negative/positive reversal							●								
	Vertical flip															
	Horizontal flip															
	E-ZOOM															
	RS-232C control							●							●	
	RS-422 control															
	Power saving															
	Quick start															
	Automatic follow-up system															
	Alarm															
	Date/time display															
	Ceiling mounting correspondence															
	Near infrared ray measures				●	●										
Near ultraviolet ray measures						●		●								
Ultraviolet ray measures								●								
Partial scanning <sup>2)</sup>							●	●	●	●	●					
See page		36	36	50	40	40	44	60	64	68	68	72	84	84	88	

\*2: IEEE1394 digital camera protocol (ver. 1.30) Trigger mode 0.1

\*Output of image input part

\*3: IEEE1394 digital camera protocol (ver. 1.31)

# Color Camera Function Chart

Function		Model	Digital Interface					Color PTZ Camera		
			TV Format XC-555 XC-555P	XCD-SX910CR	XCD-X710CR	XCD-V50CR	DFW-SX910	DFW-X710	XCL-U1000C	EVI-D70, EVI-D70W EVI-D70P, EVI-D70PW
Image device	Progressive Scan		●	●	●	●	●	●		
	CCD	1/1.8 type						●		
		1/6 type								
		1/4 type							●	●
		1/4.7 type								
		1/3 type			●	●	●			
		1/2 type	●	●			●			
		2/3 type								
		3CCD								
Square Pixel		●	●	●	●	●	●			
Lens mount	C		●	●	●	●	●			
	NF	●								
Lens	Single focal length									
	Zoom							x18	x10	
	Automatic focus							●	●	
Output	VS (Video Sync.)									
	VBS	●						●	●	
	RGB									
	Y/C	●						●	●	
	VGA format				●					
	SVGA format									
	XGA format			●			●			
	SXGA format		●			●				
	UXGA format							●		
	1N non interface									
	High-rate scanning									
	Intelligent									
	Digital	IEEE1394		●	●	*3 ●	●	●		
		Camera Link compatible							●	
External synchronization	HD/VD	●								
	VS	●								
	VBS									
	V-Lock									
Restart/Reset										
Long exposure			●	●	●	●	●	(●)	(●)	
Shutter	External trigger shutter	Normal	●	●	●	●	●	●	(●)	(●)
		E-DONPISHA								
		E-DONPISHA II								
		Mode1 (Non-reset mode)								
		Mode2 (Reset mode)							●	
Others		*2 ●	*2 ●	*3 ●	*2 ●	*2 ●				
One shot			●	●		●	●			
CCD Iris		●				●	●	(●)	(●)	
White balance	ATW					●	●	(●)	(●)	
	AUTO							●	●	
	One push							(●)	(●)	
	Fixed	●				●	●	(●)	(●)	
	Manual	●				●	●	(●)	(●)	
Others	Pan/Tilt/Zoom							●	●	
	Remote head									
	Negative/positive reversal							(●)	(●)	
	Vertical flip							●		
	Horizontal flip							(●)	(●)	
	E-ZOOM							x12	x4	
	RS-232C control	●						●	●	
	RS-422 control							●		
	Power saving							(●)	(●)	
	Quick start									
	Automatic follow-up system									
	Alarm							(●)		
	Date/time display									
	Ceiling mounting correspondence							●		
	Near infrared ray measures							(●)		
	Near ultraviolet ray measures									
	Ultraviolet ray measures									
Partial scanning <sup>Ⓢ</sup>		●	●		●	●				
See page		54	76	76	72	80	80	88	104	108

\*2: IEEE1394 digital camera protocol (ver. 1.30) Trigger mode 0.1

\*3: IEEE1394 digital camera protocol (ver. 1.31)

Model		Color Camera Block							
		FCB-IX11A FCB-IX11AP	FCB-IX47A FCB-IX47AP	FCB-IX47C FCB-IX47CP	FCB-EX48C FCB-EX48CP	FCB-EX480C FCB-EX480CP	FCB-EX980 FCB-EX980P	FCB-EX980S FCB-EX980SP	
Image device	Progressive Scan								
CCD	1/1.8 type								
	1/6 type								
	1/4 type	●	●	●	●	●	●	●	
	1/4.7 type								
	1/3 type								
	1/2 type								
	2/3 type								
	3CCD								
Square Pixel									
Lens mount	C								
	NF								
Lens	Single focal length								
	Zoom	x10	x18	x18	x18	x18	x26	x26	
	Automatic focus	●	●	●	●	●	●	●	
Output	VS (Video Sync.)	●	●	●	●	●	●	●	
	VBS	●	●	●	●	●	●	●	
	RGB								
	Y/C	●	●	●	●	●	●	●	
	VGA format								
	SVGA format								
	XGA format								
	SXGA format								
	UXGA format								
	1N non interlace								
	High-rate scanning								
	Intelligent								
	Digital	IEEE1394							
Camera Link compatible									
External synchronization	HD/VD								
	VS								
	VBS								
	V-Lock				●	●	●	●	
Restart/Reset									
Long exposure	(●)	(●)	(●)	(●)	(●)	(●)	(●)		
Shutter	Normal	(●)	(●)	(●)	(●)	(●)	(●)	(●)	
	External trigger shutter	E-DONPISHA							
		E-DONPISHA II							
		Mode1 (Non-reset mode)							
		Mode2 (Reset mode)							
Others									
One shot									
CCD Iris	(●)	(●)	(●)	(●)	(●)	(●)	(●)		
White balance	ATW	(●)	(●)	(●)	(●)	(●)	(●)	(●)	
	AUTO	●	●	●	●	●	●	●	
	One push	(●)	(●)	(●)	(●)	(●)	(●)	(●)	
	Fixed	(●)	(●)	(●)	(●)	(●)	(●)	(●)	
	Manual	(●)	(●)	(●)	(●)	(●)	(●)	(●)	
Others	Pan/Tilt/Zoom								
	Remote head								
	Negative/positive reversal	(●)	(●)	(●)	(●)	(●)	(●)	(●)	
	Vertical flip				(●)	(●)	(●)	(●)	
	Horizontal flip	(●)	(●)	(●)	(●)	(●)	(●)	(●)	
	E-ZOOM	x4	x4	x4	x12	x12	x12	x12	
	RS-232C control	●	●	●	●	●	●	●	
	RS-422 control								
	Power saving		(●)	(●)	(●)				
	Quick start								
	Automatic follow-up system								
	Alarm				(●)	(●)	(●)	(●)	
	Date/time display	(●)	(●)	(●)					
	Ceiling mounting correspondence								
	Near infrared ray measures					(●)	(●)	(●)	
	Near ultraviolet ray measures								
Ultraviolet ray measures									
Partial scanning*									
See page	114	114	114	118	118	118	118		

(●) : Available by external control.

※Output of image input part