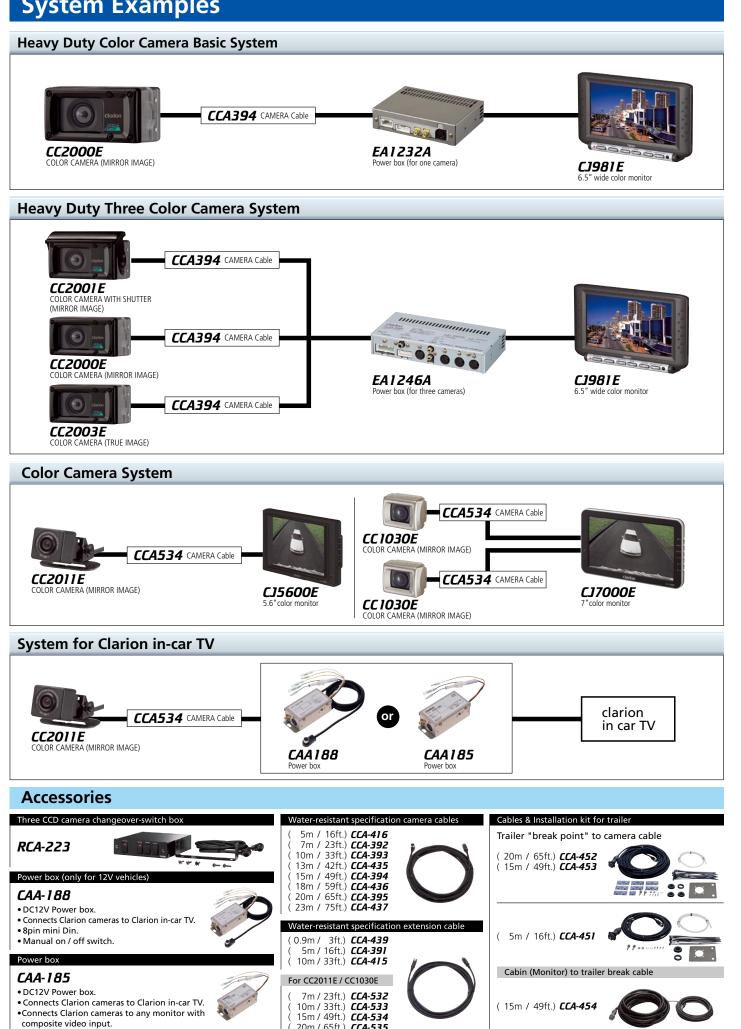
System Examples



(20m / 65ft.) *CCA-535*

CAMERAS	CC2001E	CC2000E / CC2003E	CC2002E	CC1030E	CC2011
Housing	Aluminium	Aluminium	Aluminium	Aluminium	Aluminium
Dual chamber design	Y	Y	Y	N	N
Color/B&W	Color	Color	Color	Color	Color
Notorized lens shutter	Y	Ν	Ν	Ν	Ν
igital Zoom(x 1.4)	Y	Y	Y	N	N
V/P connector type-Din or Mini Din	W/P Din	W/P Din	W/P Din	W/P Mini Din	W/P Mini Din
ow light rating(lux)	1	1	1	3 or less	3 or less
Automatic Iris	Y	Y	Y	Y	Y
ris Function	Y	Y	Y	N	N
CD Pixels	250,000	250,000	250,000	250,000	250,000
can method	2:1 Interlace	2:1 Interlace	2:1 Interlace	2:1 Interlace	2:1 Interlace
ase video signal	525 lines	525 lines	525 lines	525 lines	525 lines
ocal distance	1.4mm	1.4mm	5.13mm	1.8mm	1.62mm
Aaximum aperture ratio	1:2.8	1:2.8	1:2.8	1:2.8	1:2.4
'ideo output	1Vp-p (75Ω)	1Vp-p (75Ω)	1Vp-p (75Ω)	1Vp-p (75Ω)	1Vp-p(75Ω)
'iew angle(horiz./vert.)	118/97	118/97	40 / 30	115 / 88	130 / 97
perating temperature range	-30°C to +70°C	-30°C to +70°C	-30°C to +70°C	-30°C to +70°C	-20°C to +70°C
orizontal resolution(TV lines)	300	300	300	290	300
ertical resolution(TV lines)	280	280	280	270	280
CD size	1/4"	1/4 "	1/4 "	1/4 "	1/4"
ower Voltage(Camera)	9Vdc.neg connection	9Vdc.neg connection	9Vdc.neg connection	9Vdc.neg connection	9Vdc.neg connection
perating range(Camera)	9Vdc ± 0.5V	9Vdc ± 0.5V	9Vdc ± 0.5V	9Vdc ± 0.5V	9Vdc ± 0.5V
urrent consumption(Camera)	less than 150mA	less than 150mA	less than 150mA	less than 150mA	less than 120mA
ower Voltage(Shutter)	DC12V	N / A	N / A	N/A	N/A
Operating range(Shutter)	DC10.8~15.6V	N / A	N / A	N/A	N / A
urrent consumption(Shutter)	less than 300mA	N / A	N / A	N/A	N / A
ibration rating(G-force)	10	10	10	10	6.8
rue/Mirror image select	MIRROR	MIRROR (CC2000E) / TRUE(CC2003E) TRUE	MIRROR	MIRROR
ize(W x H x D) - Millimeters	80 x 40.5 x 57.4	80 x 40.5 x 53	80 x 40.5 x 53	48 x 35 x 32.5	27 x 25 x 28.3
Veight	0.295Kg	0.25Kg	0.25Kg	0.1Kg	0.072Kg (bracket+0.5m cable
Veight	0.295Kg NTSC	0.25Kg NTSC	0.25Kg NTSC	0.1Kg NTSC	0.072Kg (bracket+0.5m cable NTSC
Veight ignal system	2	NTSC	-	2	
Veight ignal system MONITORS	NTSC	NTSC	NTSC	2	NTSC
Veight ignal system MONITORS Diagonal screen size(inches)	NTSC CJ5600	NTSC DE	NTSC CJ7000E	NTSC	NTSC CJ981E
Veight ignal system MONITORS Viagonal screen size(inches) (RT/LCD	NTSC CJ560 5.6	NTSC DE atrix Display)	NTSC CJ7000E 7	NTSC LCD (TFT	NTSC CJ981E 6.5
veight ignal system MONITORS iagonal screen size(inches) RT/LCD ower supply	NTSC CJ5600 5.6 LCD (TFT Active-M	NTSC DE atrix Display) 24V	NTSC CJ7000E 7 LCD (TFT Active-Matrix Display)	NTSC LCD (TFT DC12V • 2	NTSC CJ981E 6.5 Active-Matrix Display)
Veight ignal system AONITORS iagonal screen size(inches) RT/LCD ower supply ower consumption	NTSC CJ560 5.6 LCD (TFT Active-M DC12V • 1	NTSC DE atrix Display) 24V ponitor set only)	NTSC CJ7000E 7 LCD (TFT Active-Matrix Display) DC12V • 24V	NTSC LCD (TFT DC12V • 2 less tha	NTSC CJ981E 6.5 Active-Matrix Display) (4V (requires power box)
Veight ignal system AONITORS hiagonal screen size(inches) RT/LCD ower supply ower consumption icture element pixel	NTSC CJ560 5.6 LCD (TFT Active-M DC 12V +) 550mA (DC 12V, mc	NTSC DE atrix Display) 24V unitor set only) 3) x 234 (H)	NTSC CJ7000E 7 LCD (TFT Active-Matrix Display) DC 12V • 24V 450mA (DC 12V, monitor set only)	NTSC LCD (TFT DC12V - 2 less tha 112,32	NTSC CJ981E 6.5 Active-Matrix Display) 4V (requires power box) n 2A (with EA1246A)
Veight ignal system MONITORS Diagonal screen size(inches) IRT/LCD ower supply ower consumption icture element pixel icture signal (V + S)	NTSC CJ5600 5.6 LCD (TFT Active-M DC12V + 550mA (DC 12V, m 320 (W) x 3 (RGE	NTSC DE atrix Display) 24V unitor set only) 3) x 234 (H)	NTSC 7 LCD (TFT Active-Matrix Display) DC12V • 24V 450mA (DC 12V, monitor set only) 480 (W) x 3 (RGB) x 234 (H)	NTSC LCD (TFT DC12V - 2 less tha 112,32	NTSC CJ981E 6.5 Active-Matrix Display) VV (requires power box) n 2A (with EA1246A) 20 pixels (234 x 480)
Veight ignal system MONITORS Diagonal screen size(inches) (RT/LCD ower supply ower consumption icture element pixel icture signal (V + S) iolor/B&W	NTSC CJ5600 5.6 LCD (TFT Active-M DC12V • : 550mA (DC 12V, m 320 (W) x 3 (RGE 1Vp-p (75	NTSC DE atrix Display) 24V unitor set only) 3) x 234 (H)	NTSC 7 LCD (TFT Active-Matrix Display) DC12V • 24V 450mA (DC 12V, monitor set only) 480 (W) x 3 (RGB) x 234 (H) 1 Vp-p (75Ω)	NTSC LCD (TFT DC12V - 2 less tha 112,32	NTSC CJ981E 6.5 Active-Matrix Display) (4V (requires power box) n 2A (with EA1246A) 20 pixels (234 x 480) 1Vp-p (75Ω)
Veight ignal system AONITORS Diagonal screen size(inches) RT/LCD ower supply ower consumption icture element pixel icture signal (V + S) olor/B&W wilt-in speaker	NTSC CJ5600 5.6 LCD (TFT Active-M DC12V + 1 550mA (DC 12V, ma 320 (W) × 3 (RGE 1Vp-p (7) Color N Y	NTSC DE atrix Display) 24V unitor set only) 3) x 234 (H)	NTSC 7 LCD (TFT Active-Matrix Display) DC12V • 24V 450mA (DC 12V, monitor set only) 480 (W) x 3 (RGB) x 234 (H) 1Vp-p (75Ω) Color Y Y	NTSC LCD (TFT DC12V - 2 less tha 112,32	NTSC CJ981E 6.5 Active-Matrix Display) 24V (requires power box) n 2A (with EA1246A) 20 pixels (234 x 480) 1VP-p (75Ω) Color Y Y Y
Veight ignal system MONITORS Diagonal screen size(inches) IRT/LCD Yower supply Yower consumption Yower consumption Yowe	NTSC CJ560 5.6 LCD (TFT Active-M DC12V-i 550mA (DC 12V, mc 320 (W) x 3 (RGE 1Vp-p (7 Color N	NTSC DE atrix Display) 24V unitor set only) 3) x 234 (H)	NTSC 7 LCD (TFT Active-Matrix Display) DC 12V • 24V 450mA (DC 12V, monitor set only) 480 (W) x 3 (RGB) x 234 (H) 1 Vp-p (75Ω) Color Y Y Y	NTSC LCD (TFT DC12V - 2 less tha 112,32	NTSC CJ981E 6.5 'Active-Matrix Display) 24V (requires power box) n 2A (with EA1246A) 20 pixels (234 x 480) 1/bp-p (75Ω) Color Y
Veight ignal system MONITORS Diagonal screen size(inches) IRT/LCD lower supply lower consumption ficture element pixel ticture signal (V + S) icolor/B&W uilt-in speaker trightness and contrast controls icolor controls	NTSC CJ5600 5.6 LCD (TFT Active-M DC12V + 550mA (DC 12V, m 320 (W) x 3 (RGE 1Vp-p (7 Color N Color N Y Y	NTSC DE atrix Display) 24V unitor set only) 3) x 234 (H)	NTSC 7 CLCD (TFT Active-Matrix Display) DC 12V • 24V 450mA (DC 12V, monitor set only) 480 (W) x 3 (RGB) x 234 (H) 1 Vp-p (75Ω) Color Y Color Y Y Y	NTSC LCD (TFT DC12V - 2 less tha 112,32	NTSC CJ981E 6.5 Active-Matrix Display) 44V (requires power box) n 2A (with EA1246A) 20 pixels (234 x 480) 1Vp-p (75Ω) Color Y Y Y N
	NTSC CJ5600 5.6 LCD (TFT Active-M DC 12V + 550mA (DC 12V, mc 320 (W) x 3 (RGE 320 (W) x 3 (RGE 1 Vp-p (75 Color N Y Y	NTSC DE atrix Display) 24V unitor set only) 3) x 234 (H)	NTSC 7 LCD (TFT Active-Matrix Display) DC 12V • 24V 450mA (DC 12V, monitor set only) 480 (W) x 3 (RGB) x 234 (H) 1 Vp-p (75Ω) Color Y Y Y	NTSC LCD (TFT DC12V - 2 less tha 112,32	NTSC CJ981E 6.5 Active-Matrix Display) 24 V (requires power box) n 2A (with EA1246A) 20 pixels (234 x 480) 11vp-p (75Ω) Color Y Y Y Y Y
Veight ignal system MONITORS biagonal screen size(inches) RT/LCD ower supply ower consumption icture element pixel icture signal (V + S) olor/B&W uilt-in speaker rightness and contrast controls iclor controls folume controls bay/Night dimming	NTSC CJ5600 5.6 LCD (TFT Active-M DC 12V • : 550mA (DC 12V, m 320 (W) × 3 (RGE 1Vp-p (7! Color N Y VA Y N/A MAN Selectab	NTSC DE atrix Display) 24V unitor set only) 3) x 234 (H) 5Ω)	NTSC 7 CL7000E 7 LCD (TFT Active-Matrix Display) DC12V • 24V 450mA (DC 12V, monitor set only) 480 (W) x 3 (RGB) x 234 (H) 1 Vp-p (75Ω) Color Y Y Y Y Y Y Selectable	NTSC LCD (TFT DC12V - 2 less tha 112,32	NTSC CJ981E 6.5 Active-Matrix Display) 44V (requires power box) n 2A (with EA1246A) 20 pixels (234 x 480) 1Vp-p (75Ω) Color Y Y Y N
Veight ignal system MONITORS biagonal screen size(inches) IRT/LCD tower supply tower consumption ticture signal (V + S) ciolor/8&W tuilt-in speaker trightness and contrast controls ciolor controls Kolume controls bay/Night dimming mage-right/mirror teverse gear on trigger	NTSC 5.6 LCD (TFT Active-M DC 12V • 1 550mA (DC 12V, ma 320 (W) × 3 (RGE 1 Vp-p (7) Color N Y Y NA Y NA Selectat Selectat	NTSC DE atrix Display) 24V 24V 24V 24V 24V 24V 24V 24V 24V 25Ω)	NTSC 7 LCD (TFT Active-Matrix Display) DC12V • 24V 450mA (DC 12V, monitor set only) 480 (W) x 3 (RGB) x 234 (H) 1 Vp-p (75Ω) Color Y Color Y Y Y MAN	NTSC LCD (TFT DC 12V - 2 less tha 112,32 AUTO (rec Y (r	NTSC CJ981E 6.5 Active-Matrix Display) 24V (requires power box) n 2A (with EA1246A) 20 pixels (234 x 480) 1Vp-p (75Ω) Color Y Y N Quires power box) / MAN R equires power box)
Veight ignal system AONITORS iagonal screen size(inches) RT/LCD ower supply ower consumption icture signal (V + S) olor/B&W uilt-in speaker rightness and contrast controls olor controls olo	NTSC CJ5600 5.6 LCD (TFT Active-M DC 12V + 550mA (DC 12V, mc 320 (W) × 3 (RGE 1Vp-p (7) Color N Y VA N/A MAN Selectab Y Y (2 came	NTSC DE atrix Display) 24V 24V 24V 24V 24V 24V 24V 24V 24V 25Ω)	NTSC 7 LCD (TFT Active-Matrix Display) DC12V • 24V 450mA (DC 12V, monitor set only) 480 (W) x 3 (RGB) x 234 (H) 1 Vp-p (75Ω) Color Y Y Y Y Y Selectable Y Y (2 cameras)	NTSC LCD (TFT DC12V • 2 less tha 112,32 AUTO (rec Y (re Y (3 ca	NTSC 6.5 Active-Matrix Display) 24 (requires power box) n 2A (with EA1246A) 20 pixels (234 x 480) 1VP-p (75Ω) Color Y Y Y Y N quires power box) / MAN R equires power box) meras with EA1246A)
Veight ignal system AONITORS iagonal screen size(inches) RT/LCD ower supply ower consumption icture element pixel icture signal (V + S) olor/B&W uilt-in speaker rightness and contrast controls olor controls olor controls olour controls ol	NTSC CJ5600 5.6 LCD (TF Active-M DC 12V + 550mA (DC 12V, mc 320 (W) x 3 (RGE 1Vp-p (7 Color N 20 (W) x 3 (RGE 1Vp-p (7 Color N 4 VP-P (7 Color N V 4 V V V V V V V V V V V V V V V V V	NTSC DE atrix Display) 24V 24V 24V 24V 24V 24V 24V 24V 24V 25Ω)	NTSC 7 CL7000E 7 LCD (TFT Active-Matrix Display) DC 12V • 24V 450mA (DC 12V, monitor set only) 480 (W) x 3 (RGB) x 234 (H) 1 Vp-p (75Ω) 1 Vp-p (75Ω) 480 (W) x 3 (RGB) x 234 (H) 1 Vp-p (75Ω) 1	NTSC LCD (TFT DC12V • 2 less tha 112,32 AUTO (rec Y (re Y (3 ca Y	NTSC CJ981E 6.5 Active-Matrix Display) 24 V (requires power box) n 2A (with EA1246A) 20 pixels (234 x 480) 11p-p (75Ω) Color Y Y N quires power box) / MAN R equires power box) meras with EA1246A) (with EA1246A)
Veight ignal system AONITORS iagonal screen size(inches) RT/LCD ower supply ower consumption icture element pixel icture signal (V + S) olor/B&W uilt-in speaker rightness and contrast controls olor controls olor controls iolume c	NTSC CJ5600 5.6 LCD (TFT Active-M DC12V + 550mA (DC 12V, m 320 (W) x 3 (RGE 1Vp-p (7 Color N 320 (W) x 3 (RGE 1Vp-p (7 Color N VP-p (7 Color N VP-P (7 Color N Selectat V VA MAN Selectat V V V V V V V V N V V N V V N V V N V V N V	NTSC DE atrix Display) 24V unitor set only) 3) x 234 (H) 5Ω) ele tras)	NTSC 7 CL7000E 7 LCD (TFT Active-Matrix Display) DC12V • 24V 450mA (DC 12V, monitor set only) 480 (W) x 3 (RGB) x 234 (H) 1 Vp-p (75Ω) Color Y Color Y Color Y Color Y Color Y Color Y (2 cameras) Y Y N	NTSC LCD (TFT DC12V - 2 less tha 112,32 AUTO (rec Y (r Y (3 ca Y) Y	NTSC CJ981E 6.5 Active-Matrix Display) 4V (requires power box) n 2A (with EA1246A) 20 pixels (234 x 480) 1Vp-p (75Ω) Color Y Y Y N quires power box)/ MAN R equires power box) meras with EA1246A) (with EA1246A)
Veight ignal system AONITORS iagonal screen size(inches) RT/LCD ower supply ower consumption icture signal (V + S) olor/B&W uilt-in speaker rightness and contrast controls olor controls olor controls oloume controls oloume controls oloume controls oloume controls oloume controls oloume controls oloume controls ange-right/mirror everse gear on trigger amera switcher uto triggering for 2nd camera uput type	NTSC CJ5600 5.6 LCD (TFT Active-M DC 12V + 550mA (DC 12V, m 320 (W) x 3 (RGE 320 (W) x 3 (RGE 40 (W) x 3 (W) x 3 (RGE 40 (W) x 3 (W)	NTSC DE atrix Display) 24V unitor set only) 3) x 234 (H) 5Ω) ele tras)	NTSC 7 LCD (TFT Active-Matrix Display) DC12V • 24V 450mA (DC 12V, monitor set only) 480 (W) x 3 (RGB) x 234 (H) 1Vp-p (75Ω) Color Y Color Y Selectable Y	NTSC LCD (TFT DC12V - 2 less tha 112,32 AUTO (rec Y (1 C Y (3 C Y (3 C Y Y S PIN DIN	NTSC CJ981E 6.5 Active-Matrix Display) 4V (requires power box) n 2A (with EA1246A) 20 pixels (234 x 480) 1Vp-p (75Ω) Color Y Y Y N quires power box) / MAN R equires power box) meras with EA1246A) (with EA1246A) (with EA1246A) (with EA1246A)
Veight ignal system AONITORS iagonal screen size(inches) RT/LCD ower supply ower consumption icture signal (V + S) olor/B&W wilt-in speaker rightness and contrast controls olor controls oloure controls ay/Night dimming nage-right/mirror everse gear on trigger amera switcher uto triggering for 2nd camera uto triggering for 3rd camera put type eparate video input	NTSC CJ5600 5.6 LCD (TFT Active-M DC12V • 1 550mA (DC 12V, ma 320 (W) × 3 (RGE 1 Vp-p (7) Color N Y VA Y VA Y Y VA Y Y VA VA Y Y VA NA Selectat Y Y (2 came Y N N N N N N N N N N N N N	NTSC DE atrix Display) 24V unitor set only) 3) x 234 (H) 5Ω) ele tras)	NTSC CJ7000E 7 LCD (TFT Active-Matrix Display) DC 12V • 24V 450mA (DC 12V, monitor set only) C12V • 24V 450mA (DC 12V, monitor set only) 480 (W) × 3 (R6B) × 234 (H) 1 Vp-p (75Ω) Color Y Color Y Color Y Color Y Color Y Color Y Color Y Color Y Y (2 cameras) Y Y N N N N N N N N N N N N N	NTSC LCD (TFT DC12V • 2 less tha 112,32 AUTO (rec Y (r Y (3 ca Y Y Y (3 ca Y Y Y (5 PIN DII Y (r	NTSC CJ981E 6.5 Active-Matrix Display) 24V (requires power box) n 2A (with EA1246A) 20 pixels (234 x 480) 1Vp-p (75Ω) Color Y Y Y N quires power box) / MAN R equires power box) meras with EA1246A) (with EA1246A)
Veight ignal system AONITORS iagonal screen size(inches) RT/LCD ower supply ower consumption icture element pixel icture signal (V + S) olor/B&W uilt-in speaker rightness and contrast controls olor controls olor controls oloure controls oloure controls oloume controls oloume controls oloume controls oloume controls oloume controls ange-right/mirror everse gear on trigger amera switcher uto triggering for 2nd camera uto triggering for 3rd camera nput type eparate video input eparate video output	NTSC CJ5600 5.6 LCD (TFT Active-M DC12V + : 550mA (DC 12V, mc 320 (W) × 3 (RGE 1Vp-p (72) COlor N Y VA N/A MAN Selectat Y Y (2 came Y N 8 PIN DI N N	NTSC DE atrix Display) 24V unitor set only) 3) x 234 (H) 5Ω) ele tras)	NTSC 7 LCD (TFT Active-Matrix Display) DC12V • 24V 450mA (DC 12V, monitor set only) 480 (W) x 3 (RGB) x 234 (H) 1Vp-p (750) Color Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y NMAN Selectable Y Y Y Y Y SINDIN Y N	NTSC LCD (TFT DC12V • 2 less tha 112,32 AUTO (rec Y (r Y (3 ca Y Y Y (3 ca Y Y Y (5 PIN DII Y (r	NTSC CJ981E 6.5 Active-Matrix Display) 24V (requires power box) n 2A (with EA1246A) 20 pixels (234 x 480) 1Vp-p (75Ω) Color Y Y Y N quires power box) / MAN R equires power box) meras with EA1246A) (with EA1246A) (with EA1246A) (requires power box) equires power box)
Veight ignal system AONITORS iagonal screen size(inches) RT/LCD ower supply ower consumption icture element pixel icture signal (V + S) olor/B&W uilt-in speaker rightness and contrast controls olor controls olor controls olor controls ay/Night dimming nage-right/mirror everse gear on trigger amera switcher uto triggering for 2nd camera uto triggering for 3rd camera uto triggering for 3rd camera uto triggering for 3rd camera uto triggering for and camera uto triggering for and camera uto triggering for or and camera uto triggering for or and camera uto triggering for or and camera uto triggering for and camera	NTSC CJ5600 5.6 LCD (TFT Active-M DC 12V + 550mA (DC 12V, mc 320 (W) × 3 (RGE 320 (W) × 3 (RGE 40 (W) × 3 (RGE 10 (W) × 3 (W) ×	NTSC DE atrix Display) 24V unitor set only) 3) x 234 (H) 5Ω) ele tras)	NTSC 7 LCD (TFT Active-Matrix Display) DC 12V • 24V 450mA (DC 12V, monitor set only) 480 (W) x 3 (RGB) x 234 (H) 1Vp-p (75Ω) Color Y Y Color Y Y Y Y Y Y Y Y Y Y Y Y Y	NTSC LCD (TFT DC12V • 2 less tha 112,32 AUTO (rec Y (r Y (3 ca Y Y Y (3 ca Y Y Y (5 PIN DII Y (r	NTSC CJ981E 6.5 Active-Matrix Display) V4V (requires power box) n 2A (with EA1246A) 10 pixels (234 x 480) 11Vp-p(75Ω) Color Y Y Y N quires power box) / MAN R equires power box) meras with EA1246A) (with EA1246A) (with EA1246A) (v (requires power box) equires power box) equires power box)
Veight ignal system AONITORS iagonal screen size(inches) RT/LCD ower supply ower consumption icture element pixel icture signal (V + S) olor/B&W uilt-in speaker rightness and contrast controls olor contro	NTSC CJ5600 5.6 LCD (TFT Active-M DC 12V + 550mA (DC 12V, mc 320 (W) x 3 (RGE 1Vp-p (7 Color N 20 (W) x 3 (RGE 1Vp-p (7 Color N 4 NA NA Selectal Y Y (2 came Y NA 8 PIN DI N N N N N N	NTSC DE atrix Display) 24V unitor set only) 3) x 234 (H) 5Ω) ele tras)	NTSC 7 LCD (TFT Active-Matrix Display) DC 12V • 24V 450mA (DC 12V, monitor set only) 480 (W) x 3 (RGB) x 234 (H) 1 Vp-p (75Ω) 480 (W) x 3 (RGB) x 234 (H) 1 Vp-p (75Ω) 480 (W) x 3 (RGB) x 234 (H) 1 Vp-p (75Ω) 480 (W) x 3 (RGB) x 234 (H) 1 Vp-p (75Ω) 480 (W) x 3 (RGB) x 234 (H) 1 Vp-p (75Ω) 480 (W) x 3 (RGB) x 234 (H) 1 Vp-p (75Ω) 480 (W) x 3 (RGB) x 234 (H) 1 Vp-p (75Ω) 480 (W) x 3 (RGB) x 234 (H) 1 Vp-p (75Ω) 480 (W) x 3 (RGB) x 234 (H) 1 Vp-p (75Ω) 480 (W) x 3 (RGB) x 234 (H) 1 Vp-p (75Ω) 480 (W) x 3 (RGB) x 234 (H) 1 Vp-p (75Ω) 480 (W) x 3 (RGB) x 234 (H) 1 Vp-p (75Ω) 480 (W) x 3 (RGB) x 234 (H) 1 Vp-p (75Ω) 480 (W) x 3 (RGB) x 234 (H) 1 Vp-p (75Ω) 480 (W) x 3 (RGB) x 234 (H) 1 Vp-p (75Ω) 480 (W) x 3 (RGB) x 234 (H) 1 Vp-p (75Ω) 480 (W) x 3 (RGB) x 234 (H) 1 Vp-p (75Ω) 480 (W) x 3 (RGB) x 234 (H) 1 Vp-p (75Ω) 1 Vp-p	NTSC LCD (TFT DC12V • 2 less tha 112,32 AUTO (rec Y (r Y (3 ca Y Y Y (3 ca Y Y Y (5 PIN DII Y (r	NTSC CJ981E 6.5 Active-Matrix Display) 4V (requires power box) n 2A (with EA1246A) 20 pixels (234 x 480) 1Vp-p (75Ω) Color Y Y Y Y N quires power box)/ MAN R equires power box) meras with EA1246A) (with
Veight ignal system AONITORS iagonal screen size(inches) RT/LCD ower supply ower consumption icture element pixel icture signal (V + S) olor/B&W uilt-in speaker rightness and contrast controls olor controls olor controls olor controls oloume controls solor controls iolume controls oloume controls oloume controls amera switcher uto triggering for 2nd camera uto triggering for 3rd camera uto triggering for 3rd camera uput type eparate video output eparate audio input eparate audio input founting bracket included	NTSC CJ5600 5.6 LCD (TFT Active-M DC12V + 550mA (DC 12V, mc 320 (W) x 3 (RGE 1Vp-p (7 Color 320 (W) x 3 (RGE 320 (W) x 3 (RGE 420 (W) x 3 (W)	NTSC DE atrix Display) 24V unitor set only) 3) x 234 (H) 5Ω) ele tras)	NTSC 7 LCD (TFT Active-Matrix Display) DC12V • 24V 450mA (DC 12V, monitor set only) 480 (W) x 3 (RGB) x 234 (H) 1Vp-p (75Ω) Color Y Color Y Selectable Y Selectable Y Y (2 cameras) Y N SPIN DIN Y (MONO INPUT) N Y (MONO INPUT)	NTSC LCD (TFT DC12V • 2 less tha 112,32 AUTO (rec Y (r Y (3 ca Y Y Y (3 ca Y Y Y (5 PIN DII Y (r	NTSC CJ981E 6.5 Active-Matrix Display) 4V (requires power box) n 2A (with EA1246A) 20 pixels (234 x 480) 1Vp-p (75Ω) Color Y Y Y N quires power box)/ MAN R equires power box)/ MAN R equires power box)/ MAN N (with EA1246A) (with EA1
Veight ignal system AONITORS biagonal screen size(inches) RT/LCD ower supply ower consumption icture signal (V + S) olor/B&W uilt-in speaker rightness and contrast controls icolor controls oloume controls say/Night dimming mage-right/mirror everse gear on trigger amera switcher suto triggering for 2nd camera uto triggering for 2nd camera uto triggering for 3rd camera into triggering for 3rd	NTSC CJ5600 5.6 LCD (TFT Active-M DC 12V + 550mA (DC 12V, m 320 (W) x 3 (RGE 1Vp-p (7 Color N 320 (W) x 3 (RGE 1Vp-p (7 Color N 20 (W) x 3 (RGE 1Vp-p (7 Color N VP-p (7 Color N VP) N VA N N V N N N N N N N N N N N N N N	NTSC DE atrix Display) 24V unitor set only) 3) x 234 (H) 5Ω) He iras) N	NTSC CJ7000E 7 LCD (TFT Active-Matrix Display) DC12V • 24V 450mA (DC 12V, monitor set only) 480 (W) × 3 (RGB) × 234 (H) 1Vp-p (75Ω) Color Color Y Color Y	NTSC LCD (TFT DC12V - 2 less tha 112,32 AUTO (rec Y (r Y (3 ca Y, S PIN DIN Y (r Y (r	NTSC CJ981E 6.5 Active-Matrix Display) V4V (requires power box) n 2A (with EA1246A) V0 pixels (234 x 480) 1Vp-p (75Ω) Color Y Y Y N quires power box) / MAN R equires power box) / MAN (with EA1246A) (with EA1246A) (with EA1246A) (with EA1246A) (uithe EA1246A) equires power box) Particles power box) N N N Quires power box)
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POWER BOX for CJ981E	EA1232A	EA1246A	
AV In terminal (RCA)	1 (video)	1 (video)	
AV Out terminal (RCA)	1 (video)	1 (video)	
RGB connection terminal	Ν	(DIN 13P) 1	
Power consumption	less than 2A (with CJ981E)	less than 2A (with CJ981E)	
Power supply	DV12V / 24V	DC12 / 24V	
Temperature range	-20°C to +60°C	-20°C to +60°C	
Vibration rating (G-force)	4.4	4.4	
Size (W x H x D) - Millimeters	155 x 37.5 x 115	200 x 37.5 x 100	
Weight	0.58Kg	0.66Kg	





SAFETY CAMERA & MONITOR SYSTEM





Human Music Interface Media

Safety Color Camera & Monitor Systems

Heavy Duty Color Camera System

CC2000 Series Feature highlights

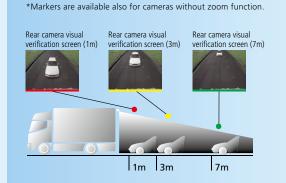


Improved low-light visibility

This system delivers even brighter clearer images than black-and-white cameras, enabling reliable rearview monitoring in ow light situations.

New low-distortion lens

The distortion typical of wide-angle lenses has been corrected in this ultra-wide-angle lens to provide a wider view that is also nore natural



On-screen distance markers

On-screen markers are displayed at 1m, 3m, 5m,

and 7m for reference, supporting rear proximity

The marker display is designed with 7 patterns

that correspond to the height that the camera is attached to the vehicle. The 7 patterns range from

a height of 2m ~ 3.5 meters, in 25cm stages.

Furthermore, vertical and horizontal fine

adjustments can also be made

verification (CI981E)

Iris Function (Backlight Compensation Function)

Even during the daytime, particularly strong highlighting in some parts of the image can cause the shadow sections to become so black that you cannot see it clearly. In this situation, you can use the Iris button to correct the camera's exposure. The Iris function compensates by making the dark sections lighter and therefore easier to see.



Operational image picture The dark sections are made brighter without any adverse effect on the bright sections.



CCD CAMERAS

Durable aluminum die-cast case and <u>CCD</u> 4 waterproof construction protects COLOR the camera from various forces of nature including rain and wind.

CC2001E

HEAVY DUTY COLOR CCD CAMERA WITH SHUTTER (MIRROR IMAGE WIDE ANGLE)

> Front gate shutter prevents visibility from being obstructed due to splashed mud and the like. That way, you always have a clear view.



High quality cameras capture dangerous situations, with precision through the use of vivid colors and digital high resolution.

CC2000E



HEAVY DUTY COLOR CCD CAMERA (MIRROR IMAGE / WIDE ANGLE)

CC2003E 🚾



HEAVY DUTY COLOR CCD CAMERA (TRUE IMAGE / WIDE ANGLE)



HEAVY DUTY COLOR CCD CAMERA (TRUE IMAGE / NARROW ANGLE)





1.4x digital zoom function

Switch to a magnified center area view vith just the touch of a button. The digital zoom delivers a detailed view hen you need it for extra safety.

Common CCD Camera Functions

Reverse gear link

Simply shifting the gear shift into reverse (R) automatically starts the image display. By adopting the reverse gear link system, the amount of driver operation needed to use this system has been reduced to an absolute minimum.

Automatic dimmer switch

In order to prevent the screen from being too bright at night, connect the automatic dimmer switch to the headlight "ON" switch to reduce the screen brightness when vehicle's lights are on.

COLOR MONITORS



6.5 inch high brightness TFT liquid crystal panel provides excellent driver visibility. Cameras can be controlled using the front buttons.

CJ981E



Monitor mounting bracket (Included with CJ981E)

6.5" WIDE COLOR LCD MONITOR

- With remote control signal receiver. • Camera selection, ZOOM, IRIS ON / OFF can be performed with the front buttons or via optional wired remote control (RCB174)
- Markers that help to provide a more accurate indication of distance are displayed on the monitor screen.
- With IRIS function (backlight compensation function).
- Automatically compatible with both DC12V and DC24V vehicles.
- Image sources other than those from a camera can be used via the auxiliary image input. NTSC or PAL can be selected in VTR mode.
- Built-in speaker for use with navigation systems (The use with navigation is not available in some countries).
- Equipped with a timer to automatically switch the power OFF, which prevents the unit from being left ON in manual mode.
- (The timer operating time can be selected within the range of 1 min \sim 5 min from manual ON)

Connect a single camera or three camera power box



POWER BOX FOR CI981E • For connecting 1 camera. Includes wired remote control.

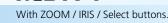
EA1232A



EA1246A POWER BOX FOR CJ981E

(WITH THREE-CAMERA SWITCHER) • Connect up to 3 cameras. RGB Input. • Hazard light trigger function. Wired remote control sold separately (RCB-174-100)

Wired optional remote control for EA1246A RCB174



A diverse product lineup that fits a variety of cars

COMPACT CCD CAMERAS

High-performance CCD technology is packed into an ultra-small body. This small CCD color camera has a 130° wide angle of view and is a perfect camera for smaller vehicles.



Light Duty Camera **CC2011E**

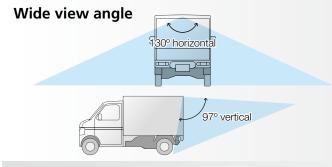
ULTRA COMPACT COLOR CCD CAMERA (MIRROR IMAGE)

- Sufficient field of view secured through 130° wide view angle even at low mounting positions.
- Small, light design allows for easy mounting.
- Suitable for smaller trucks, RV and passenger vehicles and so on.

Special bracket (included) allows the camera to be turned left/right and the angle adjusted.



*This product does not include zoom or IRIS functions.



Medium Duty Camera *CC1030E*

COMPACT COLOR CCD CAMERA (MIRROR IMAGE) •Compact size and light weight. •Wide angle view. •Suitable for trucks, buses and coaches, and so on.





Introducing the latest Clarion monitors that deliver superior cost performance as well as sophisticated original design. Two cameras can be connected directly.



7" WIDE COLOR LCD MONITOR

- (Compatiable with both DC12V and 24V)
- Power box is built-in and two CCD cameras can be connected directly.
- Convenient true/mirror image switching function.
- Automatic video switching with reverse gear and turn signal link. • Manual dimmer function.
- Image sources other than those from a camera can be used via video input and audio input.
- Seven language display selection.
- Wireless remote control is included





CJ5600E

5.6" COLOR LCD MONITOR

(compatible with both DC 12 V and 24 V)

- Power box is built-in and two CCD cameras can be connected directly.
- Convenient true/mirror image switching function.
- Automatic video switching with reverse gear and turn signal link. • Seven language display selection.

