

Image Sensing Products

I N D E X

Machine Vision Camera Block



<ul style="list-style-type: none"> ■ New Products Information 4 Polarization Camera New Line up <ul style="list-style-type: none"> • XCG-CP510 • XPL-SDKW • What's Polarization ? Camera Link Interface Camera New Line up <ul style="list-style-type: none"> • XCL-SG1240 • XCL-SG1240C ■ Features of Digital Video Cameras with Global Shutter CMOS Sensor <ul style="list-style-type: none"> • IEEE1588..... 8 • Area Gain and Area Exposure..... 10 • Shading Correction..... 11 • Defect Correction 11 • Effectiveness of 3x3 Filter..... 12 • Trigger Control..... 12 • Multi ROI..... 14 • Bandwidth Control 15 • Image comparison at near-infrared domains... 16 ■ Digital Video Camera Function Chart 18 ■ Digital Video Camera <ul style="list-style-type: none"> Polarization Camera [GS CMOS] Polarsens Pregius <ul style="list-style-type: none"> GigE Vision <ul style="list-style-type: none"> NEW • XCG-CP510 (B/W).....22 NEW • XPL-SDKW (SDK for Polarization Camera) Camera Link [GS CMOS] Pregius <ul style="list-style-type: none"> NEW • XCL-SG1240 (B/W)30 NEW • XCL-SG1240C (RAW Color)30 	<ul style="list-style-type: none"> • XCL-SG510 (B/W)34 • XCL-SG510C (RAW Color)34 • XCL-CG510 (B/W).....38 • XCL-CG510C (Color).....38 GigE Vision [GS CMOS] Pregius <ul style="list-style-type: none"> • XCG-CG510 (B/W)44 • XCG-CG510C (Color)44 • XCG-CG240 (B/W)44 • XCG-CG240C (Color).....44 • XCG-CG160 (B/W)44 • XCG-CG160C (Color)44 USB3 Vision [GS CMOS] Pregius <ul style="list-style-type: none"> • XCU-CG160 (B/W).....52 • XCU-CG160C (Color)52 – Connection Diagram58 Camera Link [CCD] <ul style="list-style-type: none"> • XCL-S900 (B/W).....60 • XCL-S900C (Color)60 • XCL-C280 (B/W).....66 • XCL-C280C (Color)66 • XCL-C130 (B/W).....66 • XCL-C130C (Color)66 • XCL-C30 (B/W).....66 • XCL-C30C (Color)66 ■ Accessories <ul style="list-style-type: none"> • DC-700(J)/DC-700(UC)/DC-700CE72 • Camera Cable73 • Connector.....73 • Tripod Adaptor.....73
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Color Camera Block



<ul style="list-style-type: none"> ■ New Products Information..... 74 ■ FCB 4K Series <ul style="list-style-type: none"> NEW • FCB-ER8550 (with external sync.)..... 76 NEW • FCB-ER8530 76 <ul style="list-style-type: none"> • FCB-ER8300 80 NEW • FCB-ES8230 (1.0 type sensor).....84 	<ul style="list-style-type: none"> ■ FCB HD Series <ul style="list-style-type: none"> NEW • FCB-EV7520A..... 88
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Others

<ul style="list-style-type: none"> ■ Discontinued Model List 92
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