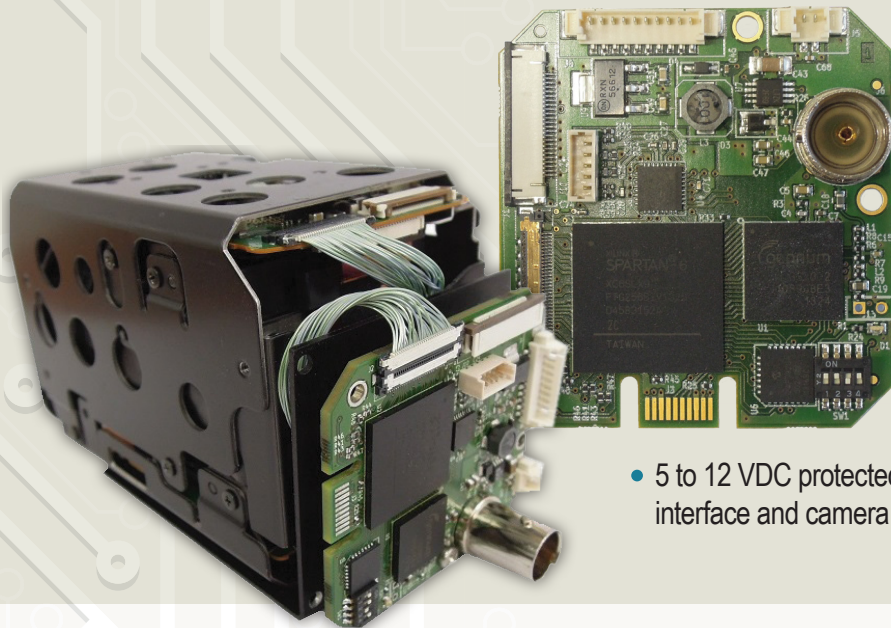
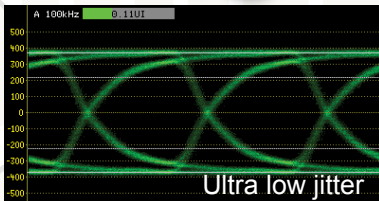


3G HD SDI Interface for SONY FCB EH / EV / SE600



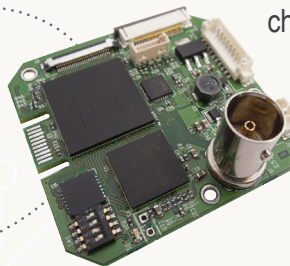
- SMPTE-424M 3G HDSDI Digital Interface
- Automatic SONY camera recognition
- Analog HD and SD video output
- Enhanced HDSDI signal quality : LOW jitter
- Video format selection by micro switch
- Embedded Colour bar & pathologic charts & Embedded color bar & reticle
- TTL or RS232 VISCA dialog level
- 5 to 12 VDC protected and EMC filtered power supply for interface and camera



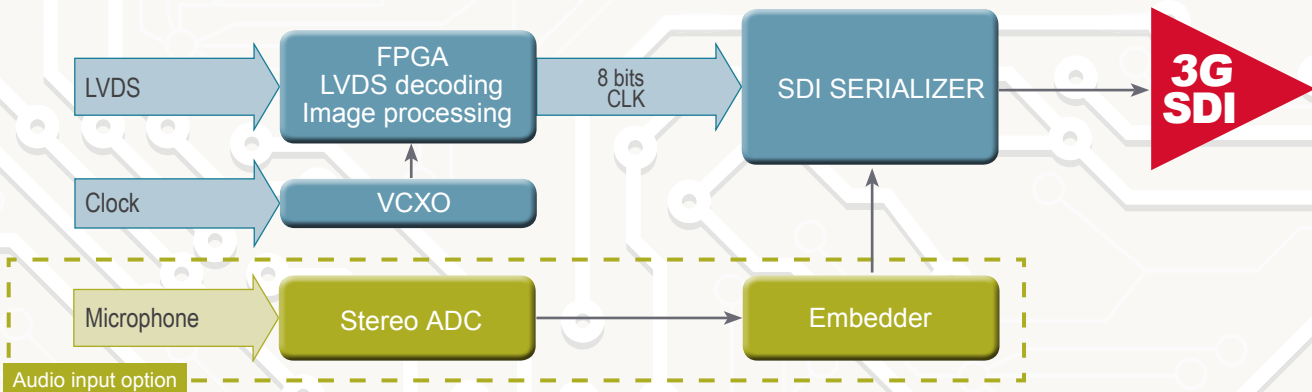
Embedded color bar charts & reticles



Easy connection



Optional Microphone input

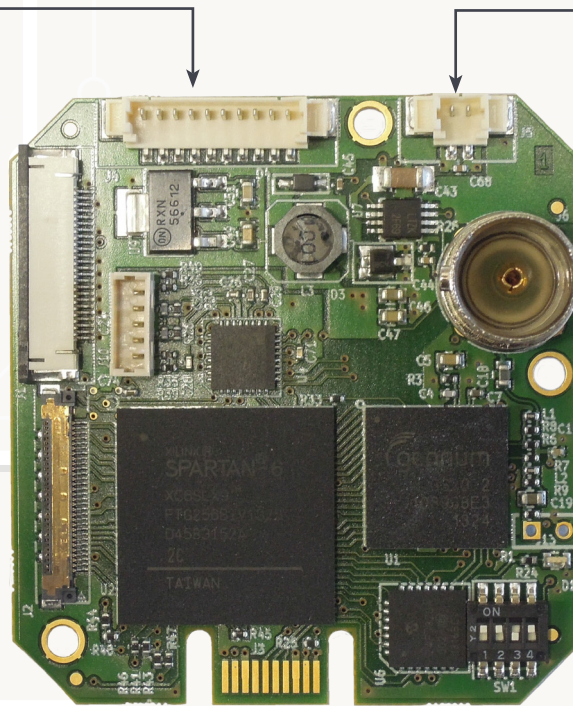


| | EV 7500 / EV 7100 EV 5500 | EH 6300 EH 6500 | EH 3150 / EH 3300 EH 3400 | SE 600 |
|-------------------------------|------------------------------|--------------------|------------------------------|--------|
| 1080P50 , 1080p59.97, 1080p60 | ✓ | | | |
| 1080p25 , 1080p30 | | ✓ | | ✓ |
| 1080p25, 1080p29,94 | ✓ | | | |
| 1080i50, 1080i60 | ✓ | ✓ | | ✓ |
| 720p50, 720p60 | ✓ | ✓ | ✓ | ✓ |
| 720p25, 720p30 | ✓ | ✓ | ✓ | ✓ |
| Analog Y,PbPr | ✓ | ✓ | ✓ | |

| Functions | Specifications |
|-------------------------------------|--|
| DIGITAL video output | 3G HDSI SMPTE 424 M, HDSI 292 M |
| Analog video output | Y, Pb , Pr 75 ohms, 1V |
| Video output standard configuration | Micro switches |
| Camera control | RS232 , RX , TX , VISCA |
| Connector | BNC , (SMB, MCX, OPTIONS) |
| Power | 6 to 12 VDC, 6 W (including camera) 5V for SE 600 |
| Environmental | 0°C to 60°C |
| Storage | -20°C to 60°C |
| Regulation | EMC FCC part 15, PCB : UL 94 V0 |
| Dimensions (mm) | 48 (H)x 45 (L)x 20 (P) |

| J4 | HD video and COM signal |
|----|-------------------------|
| 1 | Y |
| 2 | GND |
| 3 | Pb |
| 4 | GND |
| 5 | Pr |
| 6 | GND |
| 7 | TX RS232 |
| 8 | RX RS232 |
| 9 | GND |
| 10 | VBS |

| 1 | 2 | 3 | 4 | FCB-EH/SE | FCB-EV |
|-----|-----|-----|-----|-----------|------------|
| OFF | OFF | OFF | OFF | External | External |
| ON | ON | ON | ON | - | 1080p60 |
| OFF | ON | ON | ON | - | 1080p30 |
| OFF | OFF | ON | ON | - | 720p560 |
| OFF | OFF | ON | ON | - | 1080p59.97 |
| ON | ON | OFF | ON | - | 1080p50 |
| ON | OFF | OFF | OFF | 1080p30 | 1080p29.94 |
| OFF | ON | OFF | OFF | 1080i25 | 1080p25 |
| ON | ON | OFF | OFF | 1080i60 | 1080i59.97 |
| OFF | OFF | ON | OFF | 1080i50 | 1080i50 |
| ON | OFF | ON | OFF | 720p60 | 720p59.97 |
| OFF | ON | ON | OFF | 720p50* | 720p50 |
| ON | ON | ON | OFF | 720p30* | 720p29.94 |
| OFF | OFF | OFF | ON | 720p25* | 720p25 |






| J5 | Power |
|----|-------------|
| 1 | 6 to 12 VDC |
| 2 | GND |

Shot®

| LED | Status |
|-----|--|
| 1 | Initialization OK |
| 2 | FPGA Loading OK |
| 3 | VISCA dialog W/camera OK |
| 4 | Camera identification OK |
| 5 | Video format config OK |
| 6 | SD decoder initialization OK |
| 7 | Video format modification by switches. |

| TTL / RS232 Dialog level | |
|--------------------------|-------------|
| R29 + R31 soldered | RS232 level |
| R30 + R32 soldered | TTL level |

3G HDSI Conversion module for SONY FCB EV / EH / SE 600

| | | | |
|-------------------------------|--|--|--|
| Product code | TV80 0033 | | |
| Content | Interface electronic board ref TV10 0027 | | |
| Mechanical interface | Right angle black anodised aluminium plate +screws | | |
| Digital camera link | USL20-30SS-005-C Cable assembly | | |
| Power input wires | 2 ways harness, 200 mm long for power connector (J5) | | |
| Stereo Audio input Option | For European market only (contact us) | | |
| Analog HD output wires | 10 ways harness, 200mm long for HD video / com signal connector (J4) | | |
| HDSI Connector Options |  <p>TV80 0033</p> |  <p>TV80 0033-SMB</p> |  <p>TV80 0033-MCX</p> |



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