



- Black casework - to match industry requirements
- PL lens mount - to permit connection to high quality PL mount lenses
- Broadcast menu - all new menu structure to smooth workflow
- Accessories - dedicated accessories to expand functionality and connections
- Aspect ratios - user selectable aspect ratios
- i-FOCUS - electronic confirmation of point of focus and depth of field
- White balance - pre-set colour temperature for accurate white balance
- Black balance - fully automated frame-by-frame black referencing

Specification:

Olympus quality custom designed CMOS 1280 x 1024 sensor

Full resolution recording to 2,000 fps

5,000 fps maximum record speed

ASA rating of 1600

User selectable global shuttering in degrees

8GB / 16GB upgradeable memory options

Download in Compressed, Un-Compressed or RAW Sequence

Download to CF Card

HSV2frames software to smooth workflow for file conversion with MAC compatibility

| Camera Specifications | i-SPEED LT | i-SPEED 2 | i-SPEED TR | i-SPEED 3 | i-SPEED FS | i-SPEED PL |
|------------------------------|------------------------------------|------------------------------------|---|---|---|--|
| Sensor Type | Custom CMOS | Custom CMOS | Custom CMOS | Custom CMOS | Custom CMOS | Custom CMOS |
| Sensor Resolution | 800 x 600 | 800 x 600 | 1280 X 1024 | 1280 x 1024 | 1280 X 1024 | 1280 x 1024 |
| Sensor Size | 14 mm (diagonal) 8.4mm x 11.2mm | 14 mm (diagonal) 8.4mm x 11.2mm | 34.423 mm (diagonal) 21.504mm x 26.88mm | 34.423 mm (diagonal) 21.504mm x 26.88mm | 34.423 mm (diagonal) 21.504mm x 26.88mm | 34.423 mm (diagonal) 21.504mm x 26.88mm |
| Pixel Size | 14 Micron | 14 Micron | 21 Micron | 21 Micron | 21 Micron | 21 Micron |
| Aspect Ratio | 4:3 Default 3 Presets | 4:3 Default 6 Presets | 5:4 Default User selectable 9 Presets | 5:4 Default User selectable 9 Presets | 5:4 Default User selectable 9 Presets | 5:4 User selectable 7 Presets |
| Full Sensor Resolution to | 1000 fps | 1000 fps | 2000 fps | 2000 fps | 2000 fps | 2000 fps |
| Sensor Options | mono / colour | mono / colour | mono / colour | mono / colour | mono / colour | colour |
| Maximum Frame Speed | 2000 fps | 33,000 fps | 10,000 fps | 150,000 fps | 1,000,000 fps | 5000 fps |
| Global Shutter | 5 µs | 5 µs | 2.16 µs | 2.16 µs (HQ mode) / 1µs (QS mode) | 0.2 µs | 1.4 degrees |
| Bit Depth | 8 bit | 8 bit | 10 bit | 10 bit | 10 bit | 10 bit |
| Internal Memory Options | 1GB / 2GB / 4GB | 2GB / 4GB | 4GB / 8GB / 16GB | 4GB / 8GB / 16GB | 4GB / 8GB / 16GB | 8GB/16GB |
| Lens Mount | C-Mount | C-Mount | F-Mount | F-Mount | F-Mount | PL Mount |