Standard Specification:

1. Frame Rates: Fixed 2 M, 1M, 500K, 200K, 100K, 50K, 20K, 10K, 5K, 2K, 1K fps.
2. Exposures: from 1/frame rate to 100 ns in 1-2-5 steps.
3. Resolution: 924 x 768 pixels at 10 bits.
4. Number of Frames: 180 at full resolution and all frame rates. At 1K fps it will allow you to stream video direct from sensor to on board memory for up to 2 seconds.
5. Cycles: Up to 40 sequences of 180 frames at 250 ms intervals.
6. Pixel Pitch: 30 um with micro lens
7. Lens Mount: Nikon F mount
8. Mounting: 3/8-16 thread hole, center line bottom plate
9. Trigger Modes: Start, Loop Mode- Middle (variable) Stop
10. Image Storage: TIFF,JPEG, AVI, RAW
11. Triggers: 2 each, BNC, Pos-Neg Polarity 0-50 V, threshold 0-25 V
    Make/Break, 50Ω or 1KΩ termination
    Built in Velocity Trap for moving events
12. Video Out: Live Focus Mode, XGA
13. Aux Out: F-Synch or user programmable pulse width and position, TTL into 50Ω
14. Sync In: Input to allow the synchronization of multiple cameras
15. Camera Interface: GBit Ethernet Page
16. Software: Custom control software compatible with MS Windows 7
17. Power: 100-240 VAC, 2A, 50-60 Hz
18. Dimensions: 228 mm (W) x 192 mm (H) x 416 mm (L)
19. Weight: 10.5 Kg
20. Storage Temp: -10°C to +50°C
21. Operating Temp: -5°C to +40°C (start trigger mode)
22. Humidity: 10-90% RH non-condensing
23. Vibration shock: 10-40 Hz Max. 10g in any direction
24. EMC: Meets al EC harmonized Standards
25. Warranty 2 Years (On sensor, Electronic, hardware and labor)
26. Software: Free Upgrades for 5 years.

Certificate of Conformance is required.