

Tectum Highspeed Comparison Chart 2015

| | ForA FT-One | Phantom Flex 4K | Phantom Flex | Weisscam HS-2 | Phantom Miro | P+S X35MKII | Phantom Gold | Antelope Pico | Sony FS700 |
|--|------------------|-----------------|-----------------|-------------------|----------------|----------------|-----------------|-----------------------------|-----------------------------|
| Sensor Size | 24.89mm x18.66mm | 27.6mm x15.5mm | 25.6mm x16mm | 22.18mm x 22.18mm | 19.2mm x12mm | 21.1mm x11.9mm | 25.5mm x 25.5mm | 10.56mm x 5.94mm | 26.88mm x 21.5mm |
| Sensor/Shutter | Cmos/Global | Cmos/Rolling | Cmos/Global | Cmos/Global | Cmos/Global | Cmos/Global | Cmos/Rolling | Cmos/Global | Cmos/Rolling |
| Sensor Resolution | 4096x2304 | 4096x2304 | 2560x1600 | 2016x2016 | 1920x1200 | 1920x1080 | 2048x2048 | 1920x1080 | 1920x1080 |
| Crop at full resolution to fullframe 35mm | 1.4x | 1.3x | 1.4x | 1.62x | 1.88x | 1.71x | 1.43x | 3.41x | 1.34x |
| Mounts | PL | PL (EF, Nikon) | PL (EF, Nikon) | PL | PL (EF, Nikon) | PL | PL | Cmount (different adapters) | Emount (different adapters) |
| Full Resolution | 4K DCI | 4K DCI | 2.5K, 2560x1600 | 2016x2016 < 2K | 1920x1200 < 2K | 1080p | 2K | 1080p | 1080p |
| 4K (4096x2304) up to | 900FpS | 930FpS | no | no | no | no | no | no | optional with recorder |
| 2K (2048x1152) up to | no | 1860FpS | 2400FpS | 1500FpS | no | no | 540FpS | no | no |
| 1920x1200 up to | no | | | | 1380FpS | | | no | no |
| 1080p up to | no | 1960FpS | 2560FpS | 2000FpS | 1530FpS | 1500FpS | 1050FpS | 350FpS | 240FpS |
| 720P up to | no | 2940FpS | 5350FpS | 4000FpS | 3270FpS | no | 1539FpS | 525FpS | no |
| Simult. Live out and Playback | yes | yes | no | no | no | no | no | yes | no |
| Simult. Rec. And Playback | yes | no | no | no | no | no | no | yes | no |
| ASA | 650 | 250 | 1200 | 600 | 1200 | 680 | 160 | 540 | 1600 |
| Max. Ring Buffer | approx.128GB | 64GB | 32GB | 32GB | 12GB | 18GB | 32GB | 8GB | fix |
| RecTime/4K @ max. FpS & max. Buffer | 9,4 sec | 5,12 sec. | no | no | no | no | no | no | no |
| RecTime/2K @ max. FpS & max. Buffer | no | 5,12 sec. | 3,96 sec | 5 sec. | no | no | no | no | no |
| RecTime/Full HD@ max. FpS & max. Buffer | no | 5,14 sec. | 3,96 sec | | 2,65sec | 4sec | 4,1sec | 11sec | 9sec |
| RAW Recording | 12bit RAW | 12bit RAW | 12bit RAW | 12bit RAW | 12bit RAW | RAW tba | 14bit RAW | planned | optional with recorder |
| nonRAW Recording | external | external | external | external | external | external | external | external | H264 |
| Playout 4K non-RAW | yes | yes | no | no | no | no | no | no | yes (optional) |
| Playout 4-4-4 non-RAW | yes | yes | yes | yes | no | yes | | | no |
| Playout 4-2-2 non RAW | yes | yes | yes | yes | yes | yes | yes | yes | yes |
| Power Consumption | 12V-17V/~232W | 2*12V/24V/~180W | 24V/110W | 24V/80W | 12V/65W | 12V/78W | 24V/150W | 12V/18W | 7,2V/5,6W |
| weight | 13kg | 6,3kg | 5,3kg | 6,8kg | ca.2kg | ca.6kg | 5,5kg | 1kg | 1,47kg |
| special feature | | | | | | | | Light deflicker | |