| Per Cook Feet F | Motion Engine Serial Command Se | et l | | | | | | | | | | | | | | | | | | | | | | | |
|--|---------------------------------|----------|--------|--------------------|--------------|-------------|--------|----------|-----------|----------|-------------|--|------------|--------------|-------|-----------|-------|-----------|--------------|----------|-----------|------|-----------|----------|---------------|
| No. Control Control | Version: 4 | | | | | | | | | | | | | | | | | | | | | | | | |
| Second | | Pkt Code | Data 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| Cope | Program Control | | | | | | | | | | | | | | | | | | | | | | | | |
| Series | NOOP | | | | | | | | | | | | | | | | | | | | | | | | |
| Separate | Start | | 1 | | | | | | | | | | | | | | | | | | | | | | |
| Tarres Capable 4 4 | Pause | | 2 | | | | | | | | | | | | | | | | | | | | | | |
| James Canada | Stop | | | | | | | | | | | | | | | | | | | | | | | | |
| Same Disable S | | | | | | | | | | | | | | | | | | | | | | | | | $\overline{}$ |
| Mote Motor (Simple) | | | | | | | | | | | | | | | | | | | | | | | | | |
| Page Note | | | | 0.1 (Dir) | | Stens | 2 | | | | | | | | | | | | | | | | | | $\overline{}$ |
| Expose Now | | | | 0,1 (Dii) | | | ĺ | T | | | | | | | | | | | | | | | | | |
| Septiment Sept | | | | | Evnosure r | nS | | | | | | | | | | | | | | | | | | | |
| Moder Mark Step Faster 10 | | | | 0.1 | | | Г | | | | | | | | | | | | | | | | | | |
| Motor Mark Step Speed 11 | | | | | econd | | | | | | | | | | | | | | | | | | | | |
| COCP | | + | | | | | | + | | | | | | | | | | | | | | | | | - |
| SOP | | | | Sieps/Si | T | | | + | | | | | | | | | | | | | | | | | |
| September 14 | NOOP | | | | | | | + | | | | | | | | | | | | | | | | | |
| Description 15 | NOOP | + | | | | | | + | - | | - | | | - | | - | | | | - | | | \vdash | | |
| 16 | | + | | 0.1 | | | | + | - | | - | | | | | | | | | 1 | | | | | |
| According 17 1,2,4,8,16 | | + | | U, I | | | | + | - | | - | - | - | - | | | | | | - | - | - | | | |
| Timing Master 18 | | | | 4 0 4 0 40 | | | | - | | | | | | | | | | | | - | | | | | |
| 19 | | + | | | | | | 1 | - | | - | - | | | | | | | | - | | | | | |
| 19 | Timing Master | | 18 | 0,1 | | | | | | | | | | 21 | | | | | | | | | | | |
| Pan Travel 20 | Maya Matar (Campley) | | 10 | 0.1 (Dir) | | Stone (Diet | tanco) | | 31 (Dad) | т | Total Travo | LTimo | | | | Accol Tir | 2m on | | 31 (Dad) | | Docal Tim | 0 mS | | | 1 |
| Clear Planned Travel 21 | | | | 0,1 (Dir) | 0.1 (Typo) | 31 (Pad) | lance) | Stone (F | | | | | | | me) | | | | | | | | ol (into | ryal or | mS) |
| Maximum Run Time | | + | | 0,1 (DII) | U, I (Type) | ST (Fau) | | Sieps (L |)istance) | <u> </u> | 31 (Fau) | Tota | i Havei (i | initerval or | 1110) | or (Fau) | A | ccei (III | lei vai oi i | 113) | 31 (Fau) | Dec | ei (iiile | I Val UI | 1113) |
| Status Request 100 status types seturns | | | | Mov | imum Dun Ti | imo (mC) | | | | | | | | | | | | | | | | | | | $\overline{}$ |
| Firmware Version | | | | | | ille (IIIS) | | | | | | | | | | | | | | | | | | | |
| Run Status 2 Byte | | | 100 | | | | | | | | | | | | | | | | | | | | | | $\overline{}$ |
| Run Time ms | | | | | | | | + | | | | | | | | | | | | | | | | | - |
| Camera Enabled She | | | | | Вуш | LILan | | | | | | | | | | | | | | | | | | | - |
| Shot Counter | | + | | | D. 4- | ULON | 9 I | | | | | | | | | | | | | | | | | | |
| Interval Tm | | | | | Вуте | 111 | _ | | | | | | | | | | | | | <u> </u> | | | | | |
| Exposure Tm | | | | | | | | | | | | | | | | | | | | <u> </u> | | | | | |
| Currently Exposing? | | | | | | | | | | | | | | | | | | | | | | | | | \vdash |
| Motor Dir | | | | | D (| ULON | 9 | | | | | | | | | | | | | | | | | | \vdash |
| Motor Dir | | | | | | | | | | | | | | | | | | | | | | | | | \vdash |
| Motor Steps Moved 11 | | | | | | | | _ | | | | | | | | | | | | | | | | | \vdash |
| Motor Distance from Home 12 | | | | | Byte | | | | | | | | | | | | | | | | | | | | |
| NOOP | | | | | | | | | | | | | | | | | | | | - | | | | | _ |
| Motor Max Travel Steps 14 | | | | | | Long | | 1 | | | | | | | | | | | | - | | | | | — |
| NOOP | | + | | | | L | L | | | | - | | | | | | | | | | - | | | | \vdash |
| Motor Backlash | | - | | | | ULong | g | 1 | | | | | | | | | | | | - | | | | | \vdash |
| Motor Steps ea Interval | | + | | | D / | | | 1 | - | | - | | | | | | | | | | - | | | | |
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| Timing Master Value | | | | | | | | | | | | | | | | | | | | ļ | | | | | |
| Camera Data Set 3 | | 1 | | | | | | 1 | | | | | | | | | | | | ļ | ļ | | | | |
| Camera Data 1 Interval mS Int | | | | | Byte | | | | | | | | | | | | | | | | | | | | |
| Interval | Program Data Set | 3 | | | | | | | | | | | | | | | | | | | | | | | |
| Exposure Tm 2 Exposure mS 9 | | | 1 | | | | | | | | | | | | | | | | | | | | | | \vdash |
| Focus Tm 3 Focus mS | - Interval | | | | | | | | | | | | | | | | | | | | | | | | |
| Max Shots 4 Count 5 Delay mS 5 5 Delay mS 5 5 0 1 <td>- Exposure Tm</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>mS</td> <td></td> | - Exposure Tm | | | | | | mS | | | | | | | | | | | | | | | | | | |
| Exposure Delay 5 Delay mS </td <td></td> | | | | | | | | | | | | | | | | | | | | | | | | | |
| Focus w Shutter 6 0, 1 | - Max Shots | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | Delay | mS | | | | | | | | | | | | | | | | | | | |
| Repeat Cycles 7 Count 1 1 1 1 1 1 1 1 1 | - Focus w Shutter | | | 6 | | | | | | | | | | | | | | | | | | | | | |
| | - Repeat Cycles | | | | Count | | | | | | | | | | | | | | | | | | | | |

| Motor Data | 2 | | | | | | | | | | | | | | |
|--------------------------|---|----|-------|------------|------------|----|--|--|--|--|--|--|--|--|--|
| - Steps each Interval | | 1 | Ster | os | | | | | | | | | | | |
| - NOOP | | 2 | | | | | | | | | | | | | |
| - Direction | | 3 | 0, 1 | | | | | | | | | | | | |
| - Maximum Travel Steps | | 4 | | Steps | 3 | | | | | | | | | | |
| - Motor Enable | | 5 | | | | | | | | | | | | | |
| - Motor Disable | | 6 | | | | | | | | | | | | | |
| - Set Home Position Here | | 7 | | | | | | | | | | | | | |
| - Backlash Amount | | 8 | Steps | | | | | | | | | | | | |
| - Continuous Speed | | 9 | Ste | ps / Secor | nd (Float) | | | | | | | | | | |
| - Easing Mode | | 10 | 1,2,3 | | | | | | | | | | | | |
| - Continuous Mode Enable | | 11 | 0, 1 | | | | | | | | | | | | |
| - Delay Motor Start | | 12 | Dela | yed Start | Time (mS | 5) | | | | | | | | | |
| | | | | | | | | | | | | | | | |
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