

| FOV           | 1/3"<br>w x h<br>4.8 x 3.6 mm                                 | 1/2.5"<br>w x h<br>5.70 x 4.28 mm   | 1/2"<br>w x h<br>6.4 x 4.8 mm  | 1/1.8"<br>w x h<br>7.13 x 5.37 mm  | 2/3" - 5 Mpx<br>w x h<br>8.45 x 7.07 mm                       |  |  |  |  |
|---------------|---|---|--|--|---|--|--|--|--|
| 1 to 1.5 mm   | TCLWD350<br>TCCX350   | RT-HR-4M-110<br>RT-HR-4F-110  | RT-HR-6M-110<br>RT-HR-6F-110   | RT-HR-6M-110<br>RT-HR-6F-110   | RT-HR-6M-110<br>RT-HR-6F-110                                  |  |  |  |  |
| 1.5 to 2 mm   | TCLWD250<br>TCCX250   | TCLWD350<br>TCCX350   | TCLWD350<br>TCCX350  | RT-HR-4M-110<br>RT-HR-4F-110   | TC4M 004-x  |  |  |  |  |
| 2 to 3 mm     | TC 23 004<br>RT-HR-2M-110<br>RT-HR-2F-110                     | TC 23 004<br>TCLWD250<br>TCCX250  | TCLWD250<br>TCCX250  | TCLWD350<br>TCCX350<br>TCLWD250<br>TCCX250   | TCLWD350<br>TCCX350<br>TC4M 007-x                             | KAI-2020<br>14.8 mm diag<br>11.84 x 8.88 mm  | 1" - KAI-04050<br>16 mm diag<br>12.8 x 9.6 mm  |  |  |
| 3 to 4 mm     | TCLWD150<br>TCCX150<br>TC 23 007                              | TCLWD150<br>TCCX150   | TC 23 004  | TC 23 004  | TCLWD250<br>TCCX250   | TC4M 004-x<br>RT-MP-4F-65  | TC4M 004-x<br>RT-MP-4F-65  |  |  |
| 4 to 6 mm     | TC 23 009<br>TCLWD100<br>TCCX100                              | TC 23 009<br>TC 23 007<br>TCLWD100<br>TCCX100   | TC 23 007<br>TCLWD150<br>TCCX150   | TC 23 007<br>TCLWD150<br>TCCX150   | TC 23 004<br>TCLWD150   | TC4M 007-x<br>TC4M 009-x   | TC4M 007-x   |  |  |
| 6 to 8 mm     | TC 23 012<br>TCLWD075<br>TCCX075<br>TCLWD066<br>TCCX066       | TC 23 012<br>TCLWD075<br>TCCX075  | TC 23 009<br>TC 23 012<br>TCLWD100<br>TCCX100<br>TCLWD075<br>TCCX075                                 | TC 23 009<br>TCLWD100<br>TCCX100   | TC 23 007   | RT-MP-2F-65  | TC4M 009-x<br>RT-MP-2F-65  |  |  |
| 8 to 11 mm    | TC 23 016<br>TCLWD050<br>TCCX050                              | TC 23 016<br>TCLWD066<br>TCCX066  | TC 23 016<br>TCLWD066<br>TCCX066   | TC 23 012<br>TCLWD075<br>TCCX075<br>TCLWD066<br>TCCX066  | TC 23 009<br>TCLWD100<br>TCCX100                              | RT-MP-1.5F-65  | RT-MP-1.5F-65  |  |  |
| 11 to 15 mm   | TC 12 016<br>TC 23 024  | TC 12 016<br>TCLWD050<br>TCCX050  | TC 12 016<br>TCLWD050<br>TCCX050   | TC 23 016<br>TCLWD050<br>TCCX050   | TC 23 012<br>TCLWD075<br>TCCX075<br>TCLWD066<br>TCCX066       | TC4MHR 016-x<br>RT-MP-1F-65  | TC4MHR 016-x<br>RT-MP-1F-65  |  |  |
| 15 to 20 mm   | TC 12 024<br>TC 23 036  | TC 23 024   | TC 23 024  | TC 12 016  | TC 23 016<br>TCLWD050<br>TCCX050<br>RT-TCL0450-FU             | TC2MHR 016-x<br>TC4MHR 024-x<br>RT-TCL0750-FU  | TC2MHR 016-x<br>TC4MHR 024-x<br>RT-TCL0750-FU  |  |  |
| 20 to 30 mm   | TC 12 036   | TC 12 024<br>TC 23 036  | TC 12 024<br>TC 23 036   | TC 23 024<br>TC 12 024<br>TC 23 036  | TC 23 024<br>RT-TCL0300-FU                                    | TC2MHR 024-x<br>TC4MHR 036-x<br>RT-TCL0600-FU<br>RT-TCL0450-FU   | TC2MHR 024-x<br>TC4MHR 036-x<br>RT-TCL0600-FU<br>RT-TCL0450-FU   |  |  |
| 30 to 40 mm   | TC 23 056, TCCR 23 056<br>TC 13 036                           | TC 23 048, TCCR 23 048<br>TC 12 036<br>TC 23 056, TCCR 23 056                           | TC 23 048, TCCR 23 048<br>TC 12 036<br>TC 23 056, TCCR 23 056  | TC 23 048, TCCR 23 048   | TC 23 036   | TC4MHR 048-x, TCCR4M 048-x<br>TC2MHR 036-x<br>TC4MHR 056-x, TCCR4M 056-x   | TC4MHR 048-x, TCCR4M 048-x<br>TC2MHR 036-x   |  |  |
| 40 to 50 mm   | TC 12 056, TCCR 12 056<br>TC 23 080, TCCR 23 080<br>TC 13 048 | TC 23 064, TCCR 23 064<br>TC 12 048, TCCR 12 048<br>TC 23 072<br>TC 12 056, TCCR 12 056 | TC 23 064, TCCR 23 064<br>TC 12 048, TCCR 12 048<br>TC 23 072<br>TC 12 056, TCCR 12 056              | TC 12 036<br>TC 23 048, TCCR 23 048<br>TC 23 056, TCCR 23 056  | TC 23 048, TCCR 23 048  | TC4MHR 064-x, TCCR4M 064-x<br>TC2MHR 048-x, TCCR2M 048-x<br>RT-TCL0300-FU  | TC4MHR 056-x, TCCR4M 056-x<br>TC4MHR 064-x, TCCR4M 064-x<br>TC2MHR 048-x, TCCR2M 048-x<br>RT-TCL0300-FU              |  |  |
| 50 to 70 mm   | TC 23 096, TCCR 23 096<br>TC 12 080, TCCR 12 080<br>TC 13 064 | TC 23 080, TCCR 23 080<br>TC 12 064, TCCR 12 064<br>TC 23 096, TCCR 23 096              | TC 23 080, TCCR 23 080<br>TC 23 085<br>TC 12 064, TCCR 12 064<br>TC 23 096, TCCR 23 096              | TC 23 064, TCCR 23 064<br>TC 12 048, TCCR 12 048<br>TC 23 072<br>TC 12 056, TCCR 12 056<br>TC 23 080, TCCR 23 080<br>TC 23 085 | TC 23 056, TCCR 23 056<br>TC 23 064, TCCR 23 064<br>TC 23 072 | TC2MHR 056-x, TCCR2M 056-x<br>TC4MHR 080-x, TCCR4M 080-x<br>TC2MHR 064-x, TCCR2M 064-x<br>TC4MHR 096-x, TCCR4M 096-x | TC2MHR 056-x, TCCR2M 056-x<br>TC4MHR 080-x, TCCR4M 080-x<br>TC2MHR 064-x, TCCR2M 064-x<br>TC4MHR 096-x, TCCR4M 096-x |  |  |
| 70 to 100 mm  | TC 12 096, TCCR 12 096<br>TC 13 080<br>TC 12 120<br>TC 13 096 | TC 12 080, TCCR 12 080<br>TC 23 120<br>TC 12 096, TCCR 12 096<br>TC 23 144              | TC 12 080, TCCR 12 080<br>TC 23 110<br>TC 23 120<br>TC 12 096, TCCR 12 096<br>TC 23 130<br>TC 23 144 | TC 12 064, TCCR 12 064<br>TC 23 096, TCCR 23 096<br>TC 12 080, TCCR 12 080<br>TC 23 110<br>TC 23 120                           | TC 23 080, TCCR 23 080<br>TC 23 085<br>TC 23 096, TCCR 23 096 | TC2MHR 080-x, TCCR2M 080-x<br>TC4MHR 120-x<br>TC2MHR 096-x, TCCR2M 096-x<br>TC4MHR 144-x                             | TC2MHR 080-x, TCCR2M 080-x<br>TC4MHR 120-x<br>TC2MHR 096-x, TCCR2M 096-x   |  |  |
| 100 to 150 mm | TC 12 144<br>TC 12 192  | TC 12 120<br>TC 23 172<br>TC 12 144   | TC 12 120<br>TC 23 172<br>TC 23 192<br>TC 12 144<br>TC 23 200  | TC 12 096, TCCR 12 096<br>TC 23 130<br>TC 23 144<br>TC 12 120<br>TC 23 172   | TC 23 110<br>TC 23 120<br>TC 23 130<br>TC 23 144              | TC2MHR 120-x<br>TC4MHR 192-x<br>TC2MHR 144-x<br>TC4MHR 240-x<br>TC2MHR 192-x   | TC4MHR 144-x<br>TC2MHR 120-x<br>TC4MHR 192-x<br>TC2MHR 144-x   |  |  |
| 150 to 200 mm |   | TC 23 240<br>TC 12 192  | TC 23 240<br>TC 12 192   | TC 23 192<br>TC 12 144<br>TC 23 200<br>TC 23 240   | TC 23 172<br>TC 23 192  |  | TC4MHR 240-x<br>TC2MHR 192-x   |  |  |
| 200 to 300 mm |   |   |  | TC 12 192  | TC 23 200<br>TC 23 240  |  |  |  |  |

SENSOR SIZE

| SENSOR SIZE                |  | SENSOR SIZE                              |   | SENSOR SIZE                             |                              | SENSOR SIZE |  | SENSOR SIZE |  | SENSOR SIZE |  | SENSOR SIZE |  | SENSOR SIZE |  |
|----------------------------|--|--|---|---|------------------------------|-------------|--|-------------|--|-------------|--|-------------|--|-------------|--|
| TC4M 004-x                 | 4/3" - KAI-08050<br>22.6 mm diag<br>18.1 x 13.6 mm | Line - 2k<br>2k x 10 μm<br>20.48 mm      |   |   |                              |             |  |             |  |             |  |             |  |             |  |
| TC4M 007-x                 | TC4M 004-x   | Line - 4k<br>4k x 7 μm<br>28.67 mm       |   |   |                              |             |  |             |  |             |  |             |  |             |  |
| TC4M 009-x                 | TC4M 007-x   |  |   |   |                              |             |  |             |  |             |  |             |  |             |  |
|                            | TC4M 009-x   | Line - 8k<br>8k x 5 μm<br>40.96 mm       | Full frame - 35mm<br>w x h<br>36 x 24 mm  |   |                              |             |  |             |  |             |  |             |  |             |  |
|                            | TC4M 009-x   | TC 16M 012-x<br>TC 16M 018-x             | TC 16M 012-x                              | TC 16M 009-x                            | TC 16M 009-x                 |             |  |             |  |             |  |             |  |             |  |
| TC4MHR 016-x               |  |  |   |   |                              |             |  |             |  |             |  |             |  |             |  |
|                            | TC4MHR 016-x                                       |  |   |   |                              |             |  |             |  |             |  |             |  |             |  |
| TC4MHR 024-x               | TC4MHR 024-x                                       | TC 16M 036-x<br>TC 16M 048-x             | TC 16M 036-x                              | TC 16M 018-x                            |                              |             |  |             |  |             |  |             |  |             |  |
| TC4MHR 036-x               | TC4MHR 036-x                                       | TC 16M 056-x<br>TC 16M 064-x             | TC 16M 048-x                              | TC 16M 036-x                            | TC 16M 036-x                 |             |  |             |  |             |  |             |  |             |  |
| TC4MHR 048-x, TCCR4M 048-x | TC4MHR 048-x, TCCR4M 048-x                         | TC4K060-x<br>TC 16M 080-x                | TC 16M 056-x                              |   | TC 16M 048-x                 |             |  |             |  |             |  |             |  |             |  |
| TC4MHR 064-x, TCCR4M 064-x | TC4MHR 056-x, TCCR4M 056-x                         | TC 16M 096-x<br>TC4K090-x                | TC4K060-x<br>TC 16M 080-x                 | TC 16M 048-x                            | TC 16M 056-x<br>TC 16M 064-x |             |  |             |  |             |  |             |  |             |  |
| TC4MHR 080-x, TCCR4M 080-x | TC4MHR 064-x, TCCR4M 064-x                         | TC 16M 120-x<br>TC4K120-x                | TC4K090-x<br>TC 16M 080-x                 | TC 16M 048-x                            | TC 16M 056-x<br>TC 16M 064-x |             |  |             |  |             |  |             |  |             |  |
| TC4MHR 096-x, TCCR4M 096-x | TC4MHR 080-x, TCCR4M 080-x                         | TC 16M 144-x<br>TC4K180-x<br>TC16M 240-x | TC 16M 096-x<br>TC4K090-x<br>TC 16M 120-x | TC 16M 048-x                            | TC 16M 056-x<br>TC 16M 064-x |             |  |             |  |             |  |             |  |             |  |
| TC4MHR 120-x               | TC4MHR 120-x                                       | TC16M 192-x<br>TC4K180-x<br>TC16M 240-x  | TC16M 144-x<br>TC4K120-x<br>TC 16M 240-x  | TC 16M 096-x                            | TC 16M 120-x<br>TC16M 144-x  |             |  |             |  |             |  |             |  |             |  |
| TC4MHR 144-x               | TC4MHR 144-x                                       |  |   | TC 16M 120-x                            | TC 16M 144-x                 |             |  |             |  |             |  |             |  |             |  |
| TC4MHR 192-x               | TC4MHR 192-x                                       |  |   | TC16M 192-x<br>TC4K180-x<br>TC16M 240-x | TC16M 144-x<br>TC16M 192-x   |             |  |             |  |             |  |             |  |             |  |
| TC4MHR 240-x               | TC4MHR 240-x                                       |  |   |   | TC16M 192-x<br>TC16M 240-x   |             |  |             |  |             |  |             |  |             |  |
|                            |  |  |   |   |                              |             |  |             |  |             |  |             |  |             |  |

SENSOR SIZE CHART  
TELECENTRIC