

| Model | VQ-310G-M400 |
|------------------------------|---|
| Resolution (H × V) | 640 × 480 |
| Sensor | CMOSIS CMV 300 |
| Sensor Size (Optical Format) | 4.74 mm × 3.56 mm , 1/3" |
| Sensor Type | High Speed CMOS Image Sensor |
| Pixel Size | 7.4 μm × 7.4 μm |
| Sensor Output | 1 Tap |
| Pixel Data Format | 8 bit, 10 bit, 12 bit |
| Output Format | Mono : Mono8, Mono10, Mono10 packed, Mono12, Mono12 packed Color : N/A |
| Interface | Gigabit Ethernet |
| Electronic Shutter | Global Shutter |
| Shutter Speed | 65 μs ~ 7 s (10 μs step) |
| Partial Scan (Max. Speed) | 7900 fps at 2 Lines |
| Binning | N/A |
| Lookup Table | G = 1.0, User defined LUT (Lookup Table) |
| Black Level | Adjustable (0 ~ 256 LSB at 12 bit, 256 steps) |
| Gain Control | ×1, ×1.25, ×1.5, ×1.75, ×2, ×2.5, ×3, ×3.5 |
| Max. Frame Rate | 400 fps |
| Exposure Mode | Timed, Trigger Width Exposure |
| Dynamic Range | 56 dB |
| Auto Control | Auto Gain, Auto Exposure |
| Dimension / Weight | CS-mount : 44 mm × 29 mm × 60 mm / 100 g |
| Temperature | Operating: -10°C ~ 55°C, Storage: -40°C ~ 70°C |
| Lens Mount | CS mount |
| Power | 10 ~ 14 V DC |
| API SDK | Vieworks Imaging Solution 6.X |



1 : +12 V DC, 2 : Trigger IN+ 3 : Trigger IN-,
 4 : I/O Output+ 5 : I/O Output-, 6 : DC Ground
 (HR10A-7R-6PB)

