



KONICA MINOLTA

### Technical Specifications

**Number of effective pixels:** 5.0 million

**CCD:** 1/2.5-type interline primary-colour CCD  
Total pixels: 5.4 million

**Camera sensitivity:** Auto, ISO 50, 100, 200, 400 equivalents

**Focal length:** 5.6 – 16.8mm (35mm equivalent: 34 - 102mm)

**Lens construction:** 7 elements in 6 groups

**Maximum aperture:** f/2.8 – f/4.9

**Minimum focus distance:** Wide angle: 0.5 m / 1.6 ft. from front of lens  
Telephoto: 0.8m / 2.6 ft. from front of lens  
Wide angle: 0.54 m / 1.8 ft. from CCD  
Telephoto: 0.84 m / 2.8 ft. from CCD

**Macro focus range:**

	Super Macro	Standard macro	
Focal length	Telephoto*	Wide angle	Telephoto
From front of lens	20-40 cm/ 7.9–15.7 in.	5cm / 2 in. to Infinity	50cm / 19.7 in. to infinity

\* at telephoto position only.

**Area covered at maximum magnification:**

44 x 60 mm / 1.7 x 2.4 in. (approx.)

**Viewfinder type:** Optical real-image zoom viewfinder

**LCD monitor:** 3.8cm /1.5 inch low-temperature polysilicon TFT colour monitor

Total number of pixels: approx.77.000

**Shutter:** CCD electronic shutter and mechanical shutter

**Shutter speed range:** 1 - 1/2000 s in programmed AE and aperture-priority modes  
15 - 1/1000 s in manual exposure mode

**Autofocus system:** Video AF

**Metering:** Centre-weighted, Spot

**Exposure modes:** Programmed AE, Aperture priority, Manual

**Exposure compensation:** ±2 Ev in 1/3 Ev increments

**Flash range:** Wide angle: 0.5 – 3.0 m / 1.6 – 9.8 ft. (approx.) (from front of lens)

Telephoto: 0.8 – 1.7 m / 2.6 – 5.6 ft. (approx.)



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(from front of lens)

	(Camera sensitivity: auto)
<b>Flash modes:</b>	Autoflash, Autoflash with red-eye reduction, Fill-flash , Fill-flash with red-eye reduction, Flash cancel
<b>Flash compensation:</b>	± 1 Ev in 1/2 Ev increments
<b>Scene selection:</b>	Portrait, Scenery, Night, Snapshot, Sports, Angel
<b>Continuous advance:</b>	0.7 fps (approx. at continuous advance mode, 5M normal) * Actual speed may vary depending upon the subject and came settings.
<b>Auto bracketing:</b>	Auto Exposure Bracketing: ±0.5 Ev Number of brackets: 3 frames
<b>Self-timer:</b>	10 s, 3s (approx.)
<b>Movie recording:</b>	Recording time dependent on memory card capacity and image quality. Frame rate: 15 fps
<b>Audio:</b>	Recording time dependent on memory card capacity. Monaural audio only.
<b>White-balance control:</b>	Automatic, Preset (Daylight, Cloudy, Tungsten, Fluorescent)
<b>Contrast compensation:</b>	Five levels
<b>Saturation:</b>	Five levels
<b>Sharpness:</b>	Five levels
<b>Colour:</b>	Five levels for red, green, blue each RGB channel
<b>Colour modes:</b>	Standard colour, Sepia, B & W, Warm colour, Cool colour
<b>Digital zoom:</b>	2x, 3x (in 2 steps)
<b>Resize:</b>	640x480, 320x240
<b>Number of recorded pixels / Image-quality modes:</b>	2592x1944 Fine, 2592x1944 Normal, 2048x1536 Normal, 1600x1200 Normal, 640x480 Normal



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**Storage capacity:**

Approximate storage capacity of a 16 MB SD Memory

Card:

2592x1944 Fine	6 frames
2592x1944 Normal	10 frames
2048x1536 Normal	17 frames
1600x1200 Normal	33 frames
640x480 Normal	133 frames

\* Actual number of images may vary depending upon the subject and memory card.

**File formats:**

JPEG, Motion JPEG (AVI) (with audio)

DCF1.0-compliant

DPOF-compliant (Supported by printing functions in ver. 1.1)

Exif 2.2

**Exif Print:**

Yes

**PictBridge:**

Yes

**Recording media:**

SD Memory Cards, Multimedia Cards, Memory Stick, Memory Stick Pro

**PC interface:**

USB

If the camera is connected to the unit supported by USB 2.0; the transfer speed becomes full speed (12 Mbps).

**Battery:**

Konica Minolta NP-600 lithium-ion battery.

**Battery performance (Playback):**

Approximately 200 min. based on Konica Minolta test condition with a included battery.

**Battery performance (Recording):**

Approximately 185 frames based on the CIPA\* standard with included battery and SD Memory card

Approximately 330 based on the CIPA\* standard with included battery and SD Memory card, and LCD monitor off.

\*CIPA: Camera & Imaging Products Association

**External power source:**

4.2 V DC with specified AC adapter AC-9 (sold separately)



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<b>Dimensions:</b>	Width: 93.5 mm / 3.68 in. Height: 55.5 mm / 2.19 in. Depth: 26.0 (23.0 mm, in its thinnest part)
<b>Weight:</b>	145 g / 5.1 oz. (approx.) without batteries or recording media
<b>Operating temperature:</b>	0-50°C / 32-122°F
<b>Standard accessories:</b>	Neck Strap NS-DG130 USB cable USB-810 16 MB SD (Secure Digital) Memory Card Lithium-ion Battery NP-600 Lithium-ion Battery Charger BC-600GB DiMAGE Viewer CD-ROM
<b>Optional accessories:</b>	AC Adapter AC-9GB

Specifications and accessories are based on the latest information available at the time of printing and are subject to change without notice.