



## Mamiya DM33 System

**mamiya**

### Overview

The Mamiya DM System is made for photographers who take their art seriously and passionately. It offers 35mm handling, fully customizable settings and the highest level of image quality.

RAW images are captured at 16-bit to produce files with high resolution, exceptional color richness and accuracy and exquisite detail, using 33, 28 and 22 megapixel sensors.

A comprehensive range of 16 precision lenses are available for the Mamiya DM System, all constructed drawing on over 60 years of experience and innovation.

For demanding daylight situations and motion freeze, there are three leaf shutter lenses, developed in collaboration with renowned Schneider Kreuznach optics company.

For other photographic genres, there are lenses suited for landscape, portraiture, fashion, architecture, table-top and macro work.

With a Mamiya DM System, you are instantly elevated to master status.

### Mamiya DM System Camera body specifications

- Digital controls and LCD displays
- 19 custom functions for personalised control
- Selectable dual shutter system
- Ergonomic and durable design



### Mamiya DM System Camera

Camera type	Mamiya 645DF: 6x4.5cm format AF single lens reflex
Image size	56 x 41.5mm (actual image)
Field of view	Approx. 94% (percentage of total image viewed)
Focusing screen	Interchangeable (choice of matte/ checker/ M645 lens use) Pre-installed with Type A
Exposure modes	Aperture priority AE/ shutter speed priority AE/ programmed AE/ manual/ electronically controlled bulb and time
Auto focusing system	TTL phase difference detection device (I-I shaped CCD line sensor)
Shutter	Dual function: focal plane shutter or leaf shutter operation with Mamiya LS lenses
Metering mode	TTL full aperture metering (choice of center-weighted average/ spot/ A-S auto)
Self-timer	Selectable from 0.5 sec. to 60 min.
Flash synchronization	X contact and TTL flash. Sync. speeds of up to 1/125 sec. with focal plane shutter or up to 1/1,600 sec. with Mamiya LS lenses
Remote control terminal	Electronic cable release on camera body
Mirror-up shooting	Possible using drive dial mode
Tripod Socket	U 1/4 inch and U 3/8 inch
Power requirements	6 AA size batteries (alkaline-magnesium/ lithium/ nickel-hydride/nickel-cadmium)
Dimensions (WxHxD)	153 x 128 x 152mm
Weight	1,030g (body only)



# Mamiya DM33 System Digital back specifications

- Mega Sensor detail with high megapixel count
- 16 bit/ channel color palette for outstanding color accuracy
- Rapid capture rate for successive shooting
- Intuitive and user friendly controls and functions
- Capture One software for the best capture to process experience and quality

## Mamiya DM33 System digital back

CCD size (mm)	48 x 36
Number of pixels	6726 x 5040
Resolution	33MP
Capture rate (sec/frame)	1.1
File size (MOS)	67MB
MOS lossless compression	47MB
TIFF 16 bit	190MB
8 bit RGB	102MB
8 bit CMYK	136MB
ISO sensitivity	50 - 800

## LCD screen (touchscreen with Stylus)

Size	6 x 7 (cm)
Image viewing	Up to 20 images on LCD screen with real 1:1 zoom
Viewing tools	Histogram/ spot meter (f-stop)/ average exposure meter/ exposure alarms
Languages	English/ German/ French/ Spanish/ Italian/ Japanese/ Chinese

## Properties

Operation conditions	Temperature 0-40°/ Humidity 15%-80% RH (non-condensing)
Portable power supply	1x lithium ion battery 2350Ah power
Image storage	CF card (portable mode) FireWire 800 (tethered mode)
Optional camera interfaces	Mamiya RZ67 Pro/ Mamiya RZ67 Pro II/ Mamiya RZ67 Pro IID
Dimensions (WxHxD)	95 x 82 x 59 (mm)
Weight	600g

To learn more:  
[www.mamiya.com](http://www.mamiya.com)

Contact **Mamiya** at E-mail us at [info@mamiya.com](mailto:info@mamiya.com)  
or contact your local Mamiya dealer.