

Lens\$db: Lens Price Database, version 33

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## **Lens\$db: Lens Price Database, version 33**

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### **Trademarks**

All of the brand and product names mentioned in Lens\$db are trademarks or registered trademarks of their respective companies.

### **Acknowledgements**

I am grateful to the many people who share photography information online. I attempt to acknowledge all sources I have used (except eBay sales), and I apologize to any sources I may have missed.

### **Special Note on www links in .pdf files**

Not all internet links in the **.pdf** document files work properly, due to a limitation of the freeware that I used to prepare these files. The embedded links only work properly for a valid and complete **url**; e.g. [www.jcolwell.ca](http://www.jcolwell.ca) or <http://photonotes.org> , and so a named link like [Bob's Planet EOS](#) doesn't work. I decided not to put complete **url** strings for all links in the main document, but the links in Annex B are all complete - you can see that some of the **urls** are quite long and cryptic. So, if you find a dud link, you should be able to find a usable version of it in Annex B.

### **Disclaimers**

I try to be accurate but I'm sure there are errors and omissions - use Lens\$db at your own risk.

Many of the prices in Lens\$db are from "Other Suppliers" which are mostly camera shops with online inventories of used gear. These prices may not be the lowest available, and the items may not be still available. I can't guarantee that these Other Suppliers are reliable, but I've personally had consistently good results.

I am not affiliated in any way with makers or sellers of the products mentioned in Lens\$db.

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## Lens\$db: Lens Price Database, version 33, 2017-06-01

### 1 Introduction

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The Lens Price Database, Lens\$db, has prices and physical specifications for over 650 lenses, including: all Canon EF prime lenses and EF Extenders; all Canon EF L-series zoom lenses, most EF-S and EF-M lenses, plus a few others; a variety of lenses from Sigma, Tamron and Tokina; a large selection of “alternative” manual focus lenses from Carl Zeiss, Leica, Nikon, Olympus, Pentax, Voigtlander, and other brands; a selection of Medium Format Mamiya and Pentax 645 lenses that are more-or-less compatible with EOS cameras, and with the Mirex Tilt-Shift adapter; and, Fujifilm X-mount lenses, plus a small selection of LM- and LTM-mount rangefinder lenses. The prices are mostly for used equipment in excellent to mint condition, based on eBay sales and list prices at many camera stores.

### 2 Overview

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Lens\$db contains two types of information:

- i. physical specifications, such as minimum focus distance, weight, dimensions, etc.; and,
- ii. current selling prices on eBay, and (separately) current list prices from online camera stores.

The database is implemented as a MS Excel spreadsheet, with the following worksheets:

i	information
EFp	Canon EF prime lenses and EF Extenders
EFz	Canon EF L series zoom lenses (plus a few others)
EF-S,-M	Canon EF-S, EF-M and compatible lenses
STT	Sigma, Tamron, and Tokina
CZ.V	Carl Zeiss ZE, C/Y, N, and Jena; Voigtlander and Schneider PC T-S
LNOP	Leica-R, Nikon AI/S, Olympus, Pentax, and a few more
645	Mamiya 645, Pentax 645, and Schneider-K P6 medium format lenses
X.rf	Fujifilm X-mount lenses and selected LM/LTM rangefinder lenses
all.p	all <i>full-frame</i> DSLR/SLR prime lenses, sorted by focal length
all.z	all <i>full-frame</i> DSLR/SLR zoom lenses, sorted by focal length

The database and its documentation are distributed as **.pdf** and **.xls** files. Annex A defines abbreviations and acronyms, Annex B summarizes links, and Annex C lists the camera stores considered for Lens\$db. Annexes B and C are also available online as separate html documents. See the special note on www links in **.pdf** files on the Copyright Notice page.

#### 2.1 Dates

Dates are shown as year and month: .YY-MM. For example .17-04 is April 2017.

## 3 Prices

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All prices are in US dollars. eBay prices are for items sold, and camera store prices are list prices of items for sale. Prices from Canadian used lens shops are converted to US dollars using the approximate exchange rate at the time this version of Lens\$db was published ( $\$CA/\$US \approx 0.75$ ). A price in **bold font** indicates the item was described as 'new' (this does not include items described as 'like new').

### 3.1 Price Categories

Lens\$db prices are recorded in four categories:

1. [E to E++] for eBay;
2. [M- to N] for eBay;
3. [E to E++] for camera stores; and,
4. [M- to N] for camera stores.

[E to E++] is *Excellent* or better; the lens has clean & clear optics and is fully functional, there may be external wear on the body and control rings, and a *little* dust inside, but nothing to reduce the image quality; this category includes common condition ratings: E, E+, E++, 9, and 9+, also some E- and 8+, depending on the supplier.

[M- to N] is *Near Mint* or better; the lens is really clean, it looks barely used, and it functions perfectly, this category includes common condition ratings: M-, M, LN, N, NIB, 10-, 10, also some E++ and 9+, depending on the supplier.

### 3.2 eBay Prices

Most eBay prices are the computed average of two or more individual sales, up to a maximum of about ten sales (older prices are discarded as newer ones are recorded). If you use the Excel version of Lens\$db, then you can click on a price to see how many sales are included in the average. When more than one price is shown for an item, the left-most price is the most recent, which corresponds to the date column. For example, the price of \$1474 (US) for the Canon EF 70-200/2.8 L IS II USM in [M-] to [LN] condition is the average of the following ten recent sales:

1623 = AVERAGE (1500,1535,1716,1621,1626,1601,1601,1600,1750,1676)

with a minimum price of \$1500, maximum price of \$1750, and standard deviation of \$76. The left-most price of \$1500 was recorded in .17-05 (May 2017).

For what it's worth, here are a few comments on buying from eBay: you should exercise intelligent caution, if it looks too good to be true then it's probably a scam; you should do enough research to know what you want and how much it is worth; do not make assumptions, always ask questions to get the information you need to make good decisions; and finally, set your budget and stick to it. Don't get caught up in a bidding frenzy. It's your money. Spend it wisely. ;)

### **3.3 Camera Store Prices**

Lens\$db prices from camera stores are the list prices of items for sale.

Lens\$db usually shows the lowest price for any particular item, but not always. In some cases, a more expensive item is shown, if it is in better condition and close in price. For example, if one store has an EF 50/1.4 USM rated [E] for \$275 and another has one rated [E+] for \$290, then Lens\$db might list the price and supplier for the [E+] lens. Also, if there is no listing for this lens in the [M- to N] category, then Lens\$db would probably list both; the first in [E to E++] and the second in [M- to N].

Most of the camera stores cited in Lens\$db have online inventories and are located in Canada and the USA. Annex C shows the abbreviation, name, location, and url for all of the camera stores included in Lens\$db. The ‘star’ ratings in the first column of Annex C are: no-star, one-star (\*) and two-star (\*\*). Two star is the best, but all of these stores are worth a visit; virtual or (if possible) real. The ratings are based on my personal opinion of many factors, including; depth and breadth of inventory; price, customer service (for those I have dealt with), turnover, and web site (KISS).

Note that while some online camera shops in the UK are very good in terms of the number and variety of products that they stock, their prices are often high in comparison with those in Canada and US; however, UK list prices include relatively high sales taxes which may be refundable for international buyers from outside the EU.

You can find links to many camera stores at:

- ACE Index ..... [www.acecam.com/usedindex.html](http://www.acecam.com/usedindex.html)
- Jeff Albro at Monahan’s Megasite ..... <http://medfmt.8k.com/mf/albro.html#used>

## 4 Lens Specifications, Data Sources and Links

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### 4.1 35mm Lenses

Lens\$db lens specification data for 35mm lenses includes:

f	focal length (mm)
f/	maximum aperture
f(1.6)	equivalent focal length (mm), based on angle of view, on a x1.6 'crop factor' camera: such as 50D and 450D (i.e. xxD and xxxD families)
mt	type of lens/body mount (mt = EF for Canon EOS lenses)
MFD	minimum focus distance (m)
wt	weight (kg), not including caps or (if required) adapter
L	minimum length (mm) at infinity focus and, for zooms, at most compact focal length
D	maximum diameter (mm)
Df	filter diameter

35mm lens specification data are from the sources listed below.

Canon Canada [www.canon.ca](http://www.canon.ca)  
Canon USA [www.usa.canon.com](http://www.usa.canon.com)  
Canon Camera Museum [www.canon.com/camera-museum](http://www.canon.com/camera-museum)  
Canon, EOS documentation project <http://www.eosdoc.com/>  
Canon, Eric's Photos [http://canid.com/canon\\_ef\\_lenses.html](http://canid.com/canon_ef_lenses.html)  
Carl Zeiss [www.zeiss.de](http://www.zeiss.de), especially the Contax [Download Centre > Historical Data Sheets](#)  
Leica R [www.leica-camera.com](http://www.leica-camera.com)  
M42, Exataphile [www.captjack.exaktaphile.com](http://www.captjack.exaktaphile.com)  
M42, Praktica Users Group [www.praktica-users.com](http://www.praktica-users.com)  
Nikon Lens Specifications, Roland Vink <http://home19.inet.tele.dk/ne/nikon.htm>  
Olympus: The Unofficial Olympus Sales Information File <http://vanveluwen.nl/eSIF/>  
Pentax K, Bojidar Dimitrov [www.BDimitrov.de/kmp](http://www.BDimitrov.de/kmp)  
Pentax K, Pentax Canada [www.pentaxcanada.com](http://www.pentaxcanada.com)  
Pentax K, Pentax USA [www.pentaximaging.com](http://www.pentaximaging.com)  
Pentax M42, Asahi Optical Historical Club, AOHC, [www.aohc.it](http://www.aohc.it)  
Pentax M42, Peter Jonkman <http://www.spotmatic.web-page.net/> (now offline)  
photodo MTF test pages (if you can find them) [www.photodo.com](http://www.photodo.com)  
Sigma [www.sigmaphoto.com](http://www.sigmaphoto.com)  
Tamron [www.tamron.com](http://www.tamron.com)  
Tokina [www.thkphoto.com](http://www.thkphoto.com)  
Voigtlander (and more), Stephen Gandy's Camera Quest [www.cameraquest.com/voigtlen.htm](http://www.cameraquest.com/voigtlen.htm)

For general information on EOS and other photography topics, see:

[photo.net](http://photo.net) [PhotoNotes.org](http://PhotoNotes.org) [PhotoZone](http://PhotoZone) [EOS Lens FAQ](#) [Fred Miranda](#) [16-9 Luminous Landscape](#) [The Digital Picture](#) [Photography in Malaysia](#) [Reptile Garden](#) [Lin Chan Hin](#) [Tan Chung](#) [Monaghan's Megasite](#) (unfortunately, most of the Monaghan links are now offline), and finally, TJ Asher's thoughts on [Here's what lens to buy](#).

## 4.2 Using Manual Lenses on Canon EOS Bodies

Many lens mounts, such as the Contax/Yashica (for Carl Zeiss Contax lenses), Leica R, Nikon F (AI, AIS, etc.), and M42 (aka Pentax screw or universal screw), have readily available mechanical adapters for Canon EOS bodies. Pentax K-mount lenses can also be mounted on Canon EOS bodies; however, the lens must be modified by trimming or removing its aperture control lever and lever shield before it can be used on an EOS full frame camera (e.g. 5D, 1Ds) or 1.3x crop-factor (CF) body (e.g. 1D2, 1D3). Most Pentax K-mount lenses will fit on 1.6x CF bodies (e.g. 30D, XTi) without lens modifications. Some of the really excellent Contax Carl Zeiss and Leica R alternative lenses have “mirror clearance” issues with EOS full frame and 1.3x CF bodies; see the ‘compatibility’ links, below.

Lens mount adapters allow you to physically mount a non-EF lens on an EOS body, but they only enable manual focus and manual or “stop-down” aperture control, as discussed in some of the links below. You can also get adapters with a focus-confirmation chip that causes the EOS body to show a focus-confirmation flash of the AF focus point indicator(s) when the image is in focus. This is often called AF-confirmation. It is possible to modify a Contax N AF lens to fit on an EOS body and preserve its AF and auto-aperture operation (now controlled by the EOS body), but I’m not in that deep, at least not yet.

Good sources of general information on this topic are [Using manual lenses and telescopes with EOS cameras](#) by NK Guy, and [Using Manual Focus Lenses on Canon EOS bodies](#) by Bob Atkins. You can get important lens data, especially the “register”, at [W.J. Markerink's Camera Mounts and Registers Page](#), and you often determine just exactly what type of mount is on a particular lens by looking at [Rick Oleson's lens mount pages](#). Unfortunately, many lens adapter and mount pages at [Robert Monaghan's Megasite for Third Party Lenses](#) are currently offline, but it’s worth checking occasionally in case they come back. Also, see the definitions in Annex A for aa, ma and ps, for a brief discussion of some aperture control issues.

Finally, the [Alternative Digital Systems & Lenses](#) and [Canon-mount SLRs](#) forums at [Fred Miranda](#), and the [Canon EOS Forum](#) at [photo.net](#) are great places to gain knowledge through lurking, and even better, by posting questions. Here are links to some threads on this topic that you might find interesting:

### **Alt Lens FAQ** (‘sticky’ on Fred Miranda Alternative forum)

[Pentax to EOS alt lens questions](#)  
[Altering Pentax K Mount to Canon Eos 5D](#)  
[5D adapter for Contax, or for rollei](#)  
[OM or FD on Canon](#)  
[Canon 5D and Zeiss lenses - What to look for?](#)  
[Non-CPU lenses on 5D](#)  
[Nikon F mount lenses to EOS body adapter](#)  
[Practicality of M42 telephoto to XT and film bodies;](#)  
[K and M42 lenses on EOS](#)  
[Problems with stop down pin from Adaptall2-M42-EOS](#)  
[16-9.net Canon 5D Adapted Lens Compatibility lists](#)  
[Contax Canon compatibility database](#)  
[Canon Leica-R compatibility database](#)



## **5 Concluding Remarks**

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The Lens Price Database, Lens\$db, has prices and physical specifications for over 650 lenses, including: all Canon EF prime lenses and EF Extenders; all Canon EF L-series zoom lenses, most EF-S and EF-M lenses, plus a few others; a variety of lenses from Sigma, Tamron and Tokina; a large selection of “alternative” manual focus lenses from Carl Zeiss, Leica, Nikon, Olympus, Pentax, Voigtlander, and other brands; a selection of Medium Format Mamiya and Pentax 645 lenses that are more-or-less compatible with EOS cameras, and with the Mirex Tilt-Shift adapter; and, Fujifilm XF lenses, plus a small selection of LM- and LTM-mount rangefinder lenses. The prices are mostly for used equipment in excellent to mint condition, based on eBay sales and list prices at many camera stores.

## Annex A: Abbreviations and Acronyms

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Upper case acronyms are usually part of an item's name (e.g. AL for aspherical elements), or an abbreviation for a common descriptive phrase (e.g. MF for manual focus); lower case acronyms and symbols are usually my annotations.

Symbol	Description
[name...]	lens manufacturer (as opposed to brand name on the label)
1:n	macro magnification 1 to 'n'; 1:1 is life-size image on film, 1:2 is half of life size, ...
4/3	four thirds mount and system
A2	Adaptall 2 Tamron MF mount: A2 to EF adapters are scarce, but you can use the fairly common A2 to M42 adapter in a very common M42 to EF adapter (works fine).
aa	auto-aperture: typical aperture control for modern lenses (with and without a manual aperture control ring); the lens is "wide-open" for metering and finder viewing; when the shutter button is pushed, the camera automatically "stops down" to the appropriate "taking" aperture (either user-selected or set by the camera for AE modes).
AE	auto-exposure mode: camera body selects Av and/or Tv for 'automatic' exposure
AF	autofocus
AFM	AF Microadjustment
AI, AIS	types of Nikon manual focus F-mount lenses, Nikon-F to EF adapters are available
aka	also known as (or labeled as)
AL	aspherical lens elements (same as ASP)
AOC	angle of coverage
AOV	angle of view
APS-C	digital sensor format (size), Canon 22.3mm x 14.9mm (1.6x CF)
APO	apochromatic lens, special coatings and/or special glass to reduce colour aberration
ASP	aspherical lens elements (same as AL)
aux	auxiliary lens, usually screws on to filter threads of the 'real' or 'primary' lens
Av	aperture value; camera setting "Av" indicates Aperture-Priority AE mode <i>math: Av = log(Nf)/log(√2)</i>
BBAR	broad band anti-reflection (Tamron coating)
bi	"built-in" filters, most common on wide angle lenses
C645	Contax manual focus 645 medium format lens mount system
CA	colour aberration
Cat	Catadioptric lens (mirror)
c.o.	clip on (filter)
CF	crop factor for a digital camera, close focus or continuous focus for a lens
CP, CPL	circular polarizer (filter)
CV	Cosina Voigtlander (Voigtlander lenses made by Cosina)
CY, C/Y	Contax/Yashica mount (for Carl Zeiss lenses), CY to EF adapter is available
(continued...)	

## Annex A: Abbreviations and Acronyms (continued)

Symbol	Description
D	column in database, d = maximum diameter of lens barrel (mm)
Da	apparent diameter of maximum aperture when viewed through the front of the lens
d.i.	“drop in” filters go in a slot near the rear of lens, allows use of small diameter filters on large diameter lenses (e.g. 400/2.8)
DC	Sigma lens series for APS-C DSLR, reduced image circle
Df	column in database, Df = filter thread diameter (mm)
DG	Sigma lens xxx
Dmin	column in database, Dmin = minimum focus distance (m), from film plane to object
DO	Diffraction Optics, enables “long” telephoto lenses to be relatively short in length
DSLR	digital SLR
E	excellent lens condition (see Section 3.1)
E++	excellent ++ lens condition (see Section 3.1)
EBC	Electron Beam Coating, Fujifilm lens multi-coating
ED	extra-low dispersion elements in lens (see APO)
EF	Electro Focus, Canon autofocus lenses for EOS (focus motor is in the lens)
EFx	Canon manual focus EF mount lens, this abbreviation is not used by Canon
EF-S	EF-Short back focus, Canon autofocus EF mount lens for relatively small APS-C sized image sensors, only for use on Canon EOS 20D, Digital Rebel and Digital Rebel XT
EOS	Electro-Optical System, Canon autofocus system, includes EF lenses, EOS cameras, etc.
EV	exposure value <i>math</i> : $EV = Tv + Av$
EX	Sigma pro lens designation
f	focal length
f/	aperture f-number, <i>math</i> : “f/” = $Nf = f / da$
f/ min	minimum F-stop number (maximum aperture), lens wide open
f/ max	maximum F-stop number (minimum aperture), lens stopped down all the way
f.20D	equivalent focal length when using lens on a Canon 20D digital camera (x1.6 CF)
F	Nikon mount and many 35mm systems, includes pre-AI, AI, AIS, P, AF
FE (x/y)	fish eye: x = diagonal AoV, y = image diameter (35mm film image is 24mm x 36mm)
FF	1. full frame image sensor (dSLR sensor 36mm x 24mm) 2. flat field, macro design to focus on single plane, good for pics of flat things
FOV	field of view, similar to AOV, but less specific
FT, 4/3	four thirds mount and system
FTM	Full Time Manual, manual focus ring on an AF lens can be used at any time, see USM
FREE	fixed rear-element extension (focusing mechanism)
GND	graduated neutral density filter (with “soft” or “hard” edge/ transition btw light & dark)
IF	internal focus: barrel length does not change, front element does not rotate
IQ	image quality
IS	Image Stabilizer
(continued...)	

**Annex A: Abbreviations and Acronyms (continued)**

Symbol	Description
ISO	sensor or film sensitivity (ISO = International Standards Organization)
K	Pentax K-mount, see <a href="http://www.bdimitrov.de/kmp/">http://www.bdimitrov.de/kmp/</a>
Keos	my name for the Pentax K-mount lens to Canon EOS body adapter, the lens aa aperture control lever must be removed, making it a (ma) lens, which is also MF.
KISS	Keep It Simple, Stupid
L	column in database, L = length of lens (mm), front of lens to mount plate, at infinity focus.
L	indicates Canon professional lens series (e.g. EF 85/1.2 L USM): apparently, L stands for "Luxury", but I can't find substantiation for this common belief, see the "Canon FAQ" at <a href="http://www.photozone.de/8Reviews/canonFAQ.htm">www.photozone.de/8Reviews/canonFAQ.htm</a> for a good discussion of L series lenses.
LN	in Lens\$db, Like New condition
LNIB	Like New In Box
LD	low dispersion glass (see ED, APO)
LF	Large Format (4x5 and bigger)
LM	Leica bayonet mount for 35mm M series rangefinders, not compatible with EOS bodies
LR	Leica R mount, LR to EOS adapter is available
LSM	Leica screw mount for 35mm rangefinder cameras, aka LTM
LTM	Leica thread mount for 35mm rangefinder cameras, aka LSM
M	mint lens condition, see Section 3.1
M-	mint - (minus) lens condition, see Section 3.1
M34, M3/4	micro Four-Thirds mount and camera system
M39	39mm diameter screw mount, used by LTM
m4/3	micro Four-Thirds mount and system, a.k.a. mFT
M42	42mm diameter screw mount for MF lenses, aka 'Pentax screw', 'universal screw', etc., used on Pentax Takumar series and many other brands (not all old), see Section 4.3.
M645	Mamiya manual focus 645 medium format lens mount system
ma	manual aperture: "stop-down" metering, the aperture opens and closes as the aperture ring is rotated; in practice, you compose and focus with the lens wide open, and then manually "stop down" to the "taking" aperture just before taking the shot.
MF	(1) manual focus, or (2) medium format
MFD	minimum focus distance
mFT	micro Four-Thirds mount and system, a.k.a. m4/3
MP-E	Canon EOS "Macro Photo" manual focus EF lens mount (so far, the only MP-E is 65/2.8)
mt	column in database for lens/body mount (e.g. EF, M42), mt = "x" means just about any non-EOS mount that is compatible with EOS through relatively simple adapter (usually)
N	Contax 35mm AF lens mount and camera system
N	new lens condition, see Section 3.1
ND	neutral density filter
Nf	f-stop number (aperture) <i>math</i> : $Nf = "f/" = f / da = (\sqrt{2})^{Av} \dots$ (square root 2 to power of Av)
(continued...)	

**Annex A: Abbreviations and Acronyms (continued)**

Symbol	Description
OM	Olympus 35mm manual focus mount and system
OOF	out of focus
OS	Optical Stabilization (Sigma IS)
P645	Pentax manual focus 645 medium format lens mount system
pp	push-pull zoom (one touch): push-pull to zoom, twist to focus
PP	post-processing (software image modification)
PPD	Pixels Per Duck, measure of "reach", © PetKal
PPDI	Pixels Per Duck-Inch, measure of "reach", © jcolwell
ps	pre-set aperture: two aperture control rings; one ring is used to set a 'stop' at the desired taking aperture, and the other ring is used to open the aperture for viewing and then close it to the 'pre-set' aperture for exposure, this is a form of "stop-down" metering, see (ma)
QBM	Quick Bayonet Mount, Rollei 35mm mount and system (a.k.a. SL35)
R	Leica 35mm SLR lens mount and system
RF	rangefinder camera (e.g. Leica-M, Olympus 35 SP)
rg	"rear gel" filter
rfe	rotating front element (filter ring rotates as lens is focused)
rl	rectilinear: straight lines appear straight (as opposed to FE circular distortion)
S.1	abbreviation in database, Vivitar Series 1 (pro-series from mid-70's to early-90's)
sh.	shutter size
SL35	Rollei 35mm quick bayonet lens mount (a.k.a. QBM)
SLR	Single Lens Reflex (reflex = mirror, not moving mirror)
SMC	Super Multi-Coated (c), Pentax
SSS	Sun/Sigma/Spiratone conglomeration of 3 <sup>rd</sup> party lenses (Accura, Lentar, Upsilon...)
t	inverse of shutter speed: for example, $t = 500$ for shutter speed of $1/500$ sec <i>math</i> : $t = 2^{Tv} \dots$ (two to the power of Tv)
T-S, TS	tilt-shift
TS-E	Canon EOS "Tilt and Shift" manual focus EF mount lens, tilt controls plane of focus, shift controls perspective (vanishing point)
Tv	time value, camera setting "Tv" indicates Shutter-Priority AE mode <i>math</i> : $Tv = \log(t)/\log(2)$
T,T2,T4,TX	3rd party MF lens mount: mostly Vivitar, some Tamron & others, M42 adapters available
TLR	twin lens reflex (reflex = mirror, not moving mirror)
tt	two-touch zoom (separate zoom & focus rings)
USM	Ultrasonic Motor, advanced Canon EF AF system, most are FTM, see the Canon Museum
UWA	ultra-wide angle, focal lengths of about 20mm and wider (i.e. shorter) on FF bodies
vf	varifocal: focus changes while zooming
VMC	Vivitar Multi Coating
VC	Vibration Compensation (Tamron IS)
VR	Vibration Reduction (Nikon IS)
wt	column in database, wt = weight of lens (kg), no caps, includes shutter for LF lenses.
x	unspecified lens mount, compatible with EOS through adapter or Leitax mount.
YS	3rd party MF lens mount: mostly Sun/Sigma/Spiratone, M42 adapters available

## Annex B: Links

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### General Information

<http://www.photo.net>

<http://www.photonotes.org>

<http://www.photozone.de>

<http://www.fredmiranda.com>

<http://medfmt.8k.com/third/index.html>

<http://mir.com.my/rb/photography/>

<http://www.fredmiranda.com/forum/topic2/356712>

photo.net, Greenspun & Atkins (et al)

PhotoNotes.org, NK Guy

PhotoZone, Klaus Schroiff

Fred Miranda

Robert Monaghan's "Megasite"

Photography in Malaysia, Leonard Foo

Here's what lens to buy, by TJ Asher

### Canon EF lenses and other EOS stuff:

[http://canid.com/canon\\_ef\\_lenses.html](http://canid.com/canon_ef_lenses.html)

[http://members.tripod.com/~Photography\\_2/ownreview.htm](http://members.tripod.com/~Photography_2/ownreview.htm)

[http://photo.net/bboard/forum?topic\\_id=1545](http://photo.net/bboard/forum?topic_id=1545)

<http://wlcastleman.com>

<http://www.16-9.net>

<http://www.canon.ca>

<http://www.canon.com/camera-museum>

<http://www.eosdoc.com/>

<http://www.fredmiranda.com/forum/board/2>

<http://www.luminous-landscape.com/>

<http://www.photozone.de/8Reviews/canonFAQ.htm>

<http://www.rgarden.glandrake.com/index.html>

<http://www.tanchung.com/canon/canonlensesmain.htm>

<http://www.the-digital-picture.com>

<http://www.usa.canon.com>

Eric's Photos

Lim Chan Hin (no recent updates)

photo.net Canon EOS Forum

William Castleman

Mark Hubsand 16-9 tests & lots more

Canon Canada

### Canon Camera Museum

EOS Documentation Project

Fred Miranda Canon-mount SLRs forum

Michael Reichmann

### PhotoZone Canon EOS Lens FAQ

Reptile Garden Photography

Tan Chung (EF lens photos)

The-Digital-Picture.com

Canon USA

### Pentax K-mount and M42 screw-mount lenses

#### K-mount

<http://www.BDimitrov.de/kmp>

<http://www.pentaxcanada.com>

<http://www.pentaximaging.com>

Bojidar Dimitrov Pentax K Megasite

Pentax Canada

Pentax USA

#### M42 screw-mount

<http://www.aohc.it>

<http://spotmatic.web-page.net>

Asahi Optical Historical Club AOHC

Peter Jonkman Spotmatic (now offline)

## Annex B: Links (continued)

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### Using Manual Lenses on Canon EOS Bodies

<http://photonotes.org/articles/eos-manual-lenses/>

[http://www.bobatkins.com/photography/eosfaq/manual\\_focus\\_EOS.html](http://www.bobatkins.com/photography/eosfaq/manual_focus_EOS.html)

[http://www.16-9.net/lens\\_tests/compatible.html](http://www.16-9.net/lens_tests/compatible.html)

<http://www.a1.nl/phomepag/markerink/mounts.htm>

[http://members.tripod.com/rick\\_oleson/index-99.html](http://members.tripod.com/rick_oleson/index-99.html)

<http://medfmt.8k.com/third/index.html>

### Forum Sites:

<http://www.fredmiranda.com/forum/board/55>

<http://www.fredmiranda.com/forum/board/2>

[http://photo.net/bboard/forum?topic\\_id=1545](http://photo.net/bboard/forum?topic_id=1545)

### Forum Threads:

<http://www.fredmiranda.com/forum/topic/1009663>

<http://www.fredmiranda.com/forum/topic2/574010>

[http://www.photo.net/bboard/q-and-a-fetch-msg?msg\\_id=00LqIJ](http://www.photo.net/bboard/q-and-a-fetch-msg?msg_id=00LqIJ)

<http://www.fredmiranda.com/forum/topic/541453/>

<http://www.fredmiranda.com/forum/topic2/499803>

[http://www.photo.net/bboard/q-and-a-fetch-msg?msg\\_id=00JBXb](http://www.photo.net/bboard/q-and-a-fetch-msg?msg_id=00JBXb)

[http://www.photo.net/bboard/q-and-a-fetch-msg?msg\\_id=00J01o&tag=](http://www.photo.net/bboard/q-and-a-fetch-msg?msg_id=00J01o&tag=)

[http://www.photo.net/bboard/q-and-a-fetch-msg?msg\\_id=00ExzY](http://www.photo.net/bboard/q-and-a-fetch-msg?msg_id=00ExzY)

[http://www.photo.net/bboard/q-and-a-fetch-msg?msg\\_id=00EA9Q](http://www.photo.net/bboard/q-and-a-fetch-msg?msg_id=00EA9Q)

<http://www.fredmiranda.com/forum/topic2/306575>

### Other lens data sources

<http://home19.inet.tele.dk/ne/nikon.htm>

<http://medfmt.8k.com/third/index.html>

<http://vanveluwen.nl/eSIF/>

<http://www.cameraquest.com/voigtlen.htm>

<http://www.leica-camera.com/>

<http://www.sigmaphoto.com>

<http://www.tamron.com>

<http://www.thkphoto.com>

<http://www.photodo.com>

<http://www.captjack.exaktaphile.com/LENSPAGE.htm>

<http://www.praktica-users.com>

<http://www.zeiss.de>

<http://www.zeiss.com/C12567A8003B58B9/Contents-Frame/8401A54783ED1154C12570F90049667D>

<http://www.contaxusa.com/lenses.asp?itemnum=132000>

NK Guy: MF lenses with EOS

Bob Atkins: MF lenses with EOS

Mark Hubsand 16-9.net Compatibility lists

W.J. Markerink's Camera Mounts and Registers

Rick Oleson's lens mount pages

Robert Monaghan's Megasite (3<sup>rd</sup> party lenses)

Fred Miranda Alternatives... forum

Fred Miranda Canon-mount SLRs forum

photo.net Canon EOS Forum

Alt Lens FAQ

Altering Pentax K Mount to Canon Eos 5D

5D adapter for Contax, or for rollei

OM or FD on Canon

Canon 5D and Zeiss lenses - What to look for?

Nikon F mount lenses to EOS body adapter

Practicality of M42 ... XT and film bodies

K and M42 lenses on EOS

Problems with stop down... Adaptall2-M42-EOS

Zeiss/Oly -> 5D Compatibility List

Nikon Lens Specifications by Roland Vink

Monaghan's Megasite

Olympus (unofficial, really good site)

Voigtlander, Stephen Gandy's CameraQuest

Leica R

Sigma

Tamron

Tokina

photodo (data from original MTF test pages)

Capt. Jack Exaktaphile

Praktica Users

Carl Zeiss

Carl Zeiss Historical data sheets (C/Y mount)

Carl Zeiss at Contax

**Annex C: Camera Stores**

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star	abbrev	name	place	url
*	ado	Adorama	New York NY	<a href="http://www.adorama.com">www.adorama.com</a>
**	b&h	B&H	NEW YORK NY	<a href="http://www.bhphotovideo.com">www.bhphotovideo.com</a>
	bkyn	Brooklyn Camera Exchange	Rockville Center NY	<a href="http://www.brooklyn.cam.com">www.brooklyn.cam.com</a>
	calumet	Calumet.com online lists	-many-	<a href="http://www.calumetphoto.com">www.calumetphoto.com</a>
*	camtec	Camtec	Montréal	<a href="http://www.camtecphoto.com">www.camtecphoto.com</a>
*	camW	Camera West	Monterey CA	<a href="http://www.camerawest.com">www.camerawest.com</a>
	chUK	Camera House	Oakworth UK	<a href="http://www.the-camera-house.co.uk">www.the-camera-house.co.uk</a>
*	ctc	Camera Traders	Victoria BC	<a href="http://www.camera-traders.com">www.camera-traders.com</a>
	d'town	Downtown Camera	Toronto ON	<a href="http://www.downtowncamera.com/">http://www.downtowncamera.com/</a>
	ctzn	Citizens Photo	Portland OR	<a href="http://www.citizensphoto.com">www.citizensphoto.com</a>
	ffordes	Ffordes Ltd.	The Kirk UK	<a href="https://secure.ffordes.com">https://secure.ffordes.com</a>
	gasser	Adolph Gasser Inc.	San Francisco CA	<a href="http://www.adolphgasser.com">www.adolphgasser.com</a>
	harris	Jonathan Harris	London UK	<a href="http://www.jonathanharris.co.uk">www.jonathanharris.co.uk</a>
	harry	Harrys Pro Shop	Toronto ON	<a href="http://www.harrysproshop.com">www.harrysproshop.com</a>
*	igor	Igor's Camera Exchange	Cleveland OH	<a href="http://www.igorcamera.com">www.igorcamera.com</a>
	jack	Jack's Camera Shop	Muncie IN	<a href="http://www.jackscamera.com">www.jackscamera.com</a>
**	keh	KEH	Atlanta GA	<a href="http://www.keh.com">www.keh.com</a>
	kenmore	Kenmore Camera	Kenmore WA	<a href="http://www.kcamera.com">www.kcamera.com</a>
	kev	Kevin Cameras	Los Angeles CA	<a href="http://www.kevincameras.com">www.kevincameras.com</a>
	LA	LensAuthority	Cordova TN	<a href="http://www.lensauthority.com/">www.lensauthority.com/</a>
	manf	Manfred Schmidt Collectible	Chicago IL	<a href="http://www.manfredschmidt.com">www.manfredschmidt.com</a>
	marr	F. and S. Marriott Classic	Hornsea UK	<a href="http://www.marriottworld.com">www.marriottworld.com</a>
	mcr	McRill's Cameras	Eugene OR	<a href="http://www.cameraguy.com">www.cameraguy.com</a>
	mpex	Midwest Photo Exchange	Columbus OH	<a href="http://www.mpex.com">www.mpex.com</a>
	mwcc	MW Classic Camera	London UK	<a href="http://www.mwclassic.com">www.mwclassic.com</a>
	mxv	MXV Photographic	Hempstead Rise UK	<a href="http://www.mxv.co.uk">www.mxv.co.uk</a>
	nat	National Camera & Video	Minneapolis MN	<a href="http://www.natcam.com">www.natcam.com</a>
	p'pro	PhotoPro	Indianapolis IN	<a href="http://usedphotopro.com/">http://usedphotopro.com/</a>
	pac	Pacific Rim Camera	Salem OR	<a href="http://www.pacificrimcamera.com">www.pacificrimcamera.com</a>
	pc	Precision Camera & Video	Austin TX	<a href="http://www.precision-camera.com">www.precision-camera.com</a>
	pgraf	Photo-graphic Systems	Albuquerque NM	<a href="http://www.pgsys.com">www.pgsys.com</a>
	ritz	Ritz Collectibles	Phoenix AZ	<a href="http://www.ritzcam.com">www.ritzcam.com</a>
	russ	Russ' Camera and Video	Santa Barbara CA	<a href="http://www.russcamera.com">www.russcamera.com</a>
	simon	Simon's Cameras	Montreal QU	<a href="http://www.simonscameras.com">www.simonscameras.com</a>
	tamk	Tamarkin Camera	New York NY	<a href="http://www.tamarkin.com">www.tamarkin.com</a>
	v.v	Vintage Visuals	Calgary AB	<a href="http://www.vintagevisuals.com">www.vintagevisuals.com</a>
	vUK	Vintage UK	London UK	<a href="http://www.vintagecameras.co.uk">www.vintagecameras.co.uk</a>
	wood	Woodmere Camera	Merrick NY	<a href="http://www.woodcam.com">www.woodcam.com</a>

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