VIOSO Calibration Kits

Ready-to-run calibration kits consisting of a computer vision sensor and perfectly aligned lens.
All kits are ready for 24/7 operation, allowing auto-recalibration for many years.

All kits include:

- PoE injector or USB cable
- Tripod adaptor
- Transport case
- Pre-assembly

All Purpose Kits
Most common used kits suitable for all kinds of projection setups. Fixed lenses with low distortion. Suitable for multi-camera configurations. HQ Kits available for highest demands

Fisheye Kits
For use in Domes, panadomes, cylinders and any other kind of spherical screen configuration.

Special Purpose Kits
Made for long distances or close-quarter setups.
Heavy lens distortions must be taken into account.

Low Cost Kits
Webcams for testing purposes and small settings when variability of camera positioning is the key.

Part No	Name	Resolution Max. Framerate	Field of view (HxV)	Distortion	Multicam	Interface
Kits with low distortion lenses for all applications						
CK_W56-4	56° wide-angle kit	3088x2064 @17fps	56° x 44°	1.05%	Yes	1 GB/s Cat5e
CK_W76-4	76° wide-angle kit	3088x2064 @17fps	76° x 60°	0.9%	Yes	1 GB/s Cat5e
CK_W89-4	89° wide-angle kit	3088x2064 @17fps	89° x 73°	0.46%	Yes	1 GB/s Cat5e
CK_W100-4	100° wide-angle kit	3088x2064 @17fps	100° x 84°	-0.09%	Yes	1 GB/s Cat5e
CK_WQ95-4	95° HQ wide-angle kit	4096x3000 @9fps	96° x 79°	-1.51%	Yes	1 GB/s Cat5e
CK_QXX-4	Super HQ kit	4096x3000 @ 9fps	available lenses: 8mm: 79° x 63° 12mm: 60° x 47° 16mm: 48° x 37° 25mm: 32° x 24° 35mm: 22° x 17° 50mm: 16° x 12°	 0.55% 0.26% -0.4% -0.3% -0.01% -0.03%	Yes	1 GB/s Cat5e
Kits for special purposes, not suitable for multicam (note: noticeable distortion)						
CK_WU120-4	120° ultra wide-angle	2592x1944 @ 23fps	120° x 104°	1% barrel	No	1 GB/s Cat5e
CK_WU135-4	135° ultra wide-angle	2592x1944 @ 23fps	135° x 119°	3% barrel	No	1 GB/s Cat5e
CK_T29-4	29° tele kit	3088x2064 @17fps	29° x 22°	n/a	No	1 GB/s Cat5e
CK_T44-4	44° tele kit	3088x2064 @17fps	44° x 34°	4.7%	No	1 GB/s Cat5e
Kits for all kinds of domes, cylinders and spherical screens						
CK_FDN-4	185° fisheye kit (2/3")	2448x2048 @ 23fps	360° x 185°	linear fisheye	No	1 GB/s Cat5e
CK_FDN-4b	185° Fisheye Kit (1")	2592x2048 @23fps	360° x 185°	linear fisheye	No	1 GB/s Cat5e
CK_FDQ-4	185° fisheye kit HQ	4508x4096 @ 6ps	360° x 185°	linear fisheye	No	1 GB/s Cat5e
CK_FDY250-4	250° hyper-fisheye kit	4024x3036 @ 9fps	360° x 250°	non-linear f.e.	No	1 GB/s Cat5e
CK_FDY280-4	280° hyper-fisheye kit	3840x2748 @ 10fps	360° x 280°	non-linear f.e.	No	1 GB/s Cat5e
Kits for occasional or temporary use, budget installations and evaluation						
LGT_C920	70° USB2 webcam	1920x1080 @ 30fps	70° x 40°	n/a	No	USB 2.0
LGT_C930	78° USB2 webcam	1920x1080 @ 30fps	78° x 46°	n/a	No	USB 2.0

Optional accessories:

- Robust wall mount for camera kits [Part No.: CK_WM]
- Magic Arm + clamp: for flexible mounting on steel bars, trussing, etc. [Part No.: CK_MAK]
- Ultra-portable tripod with ball-head mount; 1,5m working height [Part No.: CK_TP]
- IP76 rated waterproof camera housing [Part No.: CK_P-IP76]

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