

Overview Technical Data

Digital Products



VR Drive



Digital II



Livecam

Filmformat / Sensor type	-	3 line RGB sensor	3 line RGB sensor
Lens	-	Variable focal lengths from 4mm to 105mm	Variable focal lengths from 4mm to 105mm
Lens mount	-	Exchangeable lens mounts	Exchangeable lens mounts
Lens brands	-	Nikon, Leica R, Contax and Canon FD; more on demand	As a standard with high resolution Nikon lens; other brands on request
Shift	-	-	-
Maximum vertical angle / height	-	2'700 pixel maximum (can be reduced for speed)	2'700 pixel maximum (can be reduced for speed)
Length of image at 360 °	-	Depending on focal length, maximum 50,000 Pixel (360°)	Depending on focal length, maximum 50,000 Pixel (360°)
360 ° shots per film	-	-	-
Viewfinder	-	Integrated in software (pre-scan)	Integrated in software (pre-scan)
Distance setting	-	Infinite to macro	Infinite to macro
Slit	-	3 x 1 pixel	3 x 1 pixel
Light meter	-	integrated	integrated
Fastest scan for 360 °	-	20 seconds	20 seconds
Exposure variation (Bracketing)	+1 / -1 aperture	Manual	Manual
Dimensions (L x W x H)	150 x 170 x 430mm	80 x 120 x 260 mm	200 x 500 mm
Weight	0.8 kg	3.7 kg	about 12 kg
Control	With selection buttons / LCD	via laptop	via computer and webserver
Display	LCD	via laptop	Our vision: a livecam image on every computer globally, at all times
Functions	Time, degree of panorama, number of shots, bracketing, battery status, timer	Focusing help, data compression, data storage, file size, artificial light mode, battery status, temperature	Same as Digital II plus: Complete web server, data storage, livecam software, standard web pages & CSS
Shutter speeds	Controlled by digital camera	1/4000 to 8 seconds	1/4000 to 8 seconds
Degree of panorama	-	Selectable in 1° increments from 1° to 400°	Selectable in 1° increments from 1° to 400°
Exposure control	-	During the exposure, automatically	During the exposure, automatically
Timer	10 seconds with bright LED	Delay: --; Interval: manually	Delay: --; Interval: manually
Power supply	NiMh battery 4.8V 3.5A	NiMh battery 12V 4.5A for 4 h	NiMh battery 12V 4.5A for 4 h
Power charger	Universal speed charger 100-240V	Universal speed charger 110-240V	Universal speed charger 110-240V
Calibration	2 water bubble indicators	1 water bubble indicator	1 water bubble indicator

Overview Technical Data

Film Products



28-220



28-220
Outdoor



Super 220 VR



Super 60



Super 70



Filmformat / Sensor type	120/220 medium format	120/220 medium format	120/220 medium format	120/220 medium format	70mm Cineformat; modifizierbar für 120/220 Mittelformat
Lens	28mm	28mm	variable 13mm to 1,000mm	variable 13mm to 1,000mm	Variable 13mm to 1,000mm
Lens mount	Bayonet for 28mm	Bayonet for 28mm	Exchangeable mounts for small and medium format	Exchangeable mounts for small and medium format	Exchangeable mounts for small and medium format
Lens brands	Nikkor 2.0, 2.8; PC Nikkor 3.5; AF Nikkor 1.4, 2.8; Leica Elmarit R 2.8, Contax Distagon T 2.8	Nikkor 2.0, 2.8; PC Nikkor 3.5; AF Nikkor 1.4, 2.8; Leica Elmarit R 2.8, Contax Distagon T 2.8	Nikon, Leica R, Contax, Canon FD, Hasselblad, Rollei, Pentax 67, Mamiya 645 and Zenza Bronica	Nikon, Leica R, Contax, Canon FD, Hasselblad, Rollei, Pentax 67, Mamiya 645 and Zenza Bronica	Schneider, Rodenstock, Nikon, Leica R, Contax, Canon FD, Hasselblad, Rollei, Pentax 67, Mamiya 645 und Zenza Bronica
Shift	+/- 8 mm with PC	+/- 8 mm with PC	Depending on lens mount; maximum 48mm total	Depending on lens mount; maximum 48mm total	Depending on lens mount; maximum 48mm total
Maximum vertical angle / height	84° (vertical); 50mm	84° (vertical); 50mm	115° (vertical)	115° (vertical)	120° (vertical) or 58mm depending on image circle
Length of image at 360 °	180mm	180mm	Depending on focal length; min. 82mm, max. 1,600mm	Depending on focal length; min. 82mm, max. 1,600mm	Depending on focal length; min. 82mm, max. 4,500mm
360 ° shots per film	8 x with 220 film, 4 x with 120 film	8 x with 220 film, 4 x with 120 film	Depending on focal length and film type	Depending on focal length and film type	Depending on focal length and film type
Viewfinder	Telrad viewfinder	Telrad viewfinder	SLR with tinted glass	SLR with tinted glass	SLR with tinted glass
Distance setting	Optimum at 7m, depending on lens	Optimum at 7m, depending on lens	Infinite to macro	Infinite to macro	Infinite to macro
Slit	2.0mm	2.0mm	0.4mm, 0.8mm or 1.6mm, exchangeable	0.4mm, 0.8mm or 1.6mm, exchangeable	1.6mm fix
Light meter	-	-	Integrated	Integrated	Integrated
Fastest scan for 360 °	0.7 seconds	0.7 seconds	2 seconds	2 seconds	2 seconds
Exposure variation (Bracketing)	Manual	Manual	Multiple exposure of 3 or 5 shots (apertures can be selected)	Multiple exposure of 3 or 5 shots (apertures can be selected)	Multiple exposure of 3 or 5 shots (apertures can be selected)
Dimensions (L x W x H)	67 x 116 x 220mm	67 x 116 x 200mm	99 x 152 x 255mm	99 x 152 x 255mm	105 x 155 x 305mm
Weight	1.5kg	1.4kg	5.1 kg	5.1 kg	5.7 kg
Control	with selection buttons / LCD	Selection buttons	With selection buttons and LCD of the control unit	With selection buttons and LCD of the control unit	With selection buttons and LCD of the control unit
Display	LCD	-	LCD for all functions	LCD for all functions	LCD for all functions
Functions	Shutter times, degree of panorama, image count, battery status, timer, film selection, winding functions	Shutter times, degree of panorama, timer	Light meter, variation, distance, manual shutter speeds, bracketing, battery, mode, parameter menu	Same as Super 220 VR Special Chinese software with reduced functions and graphical user interface	Light meter, variation, distance, manual shutter speeds, bracketing, battery, mode, parameter menu
Shutter speeds	1/500 to 8 seconds	1/250, 1/125 und 1/60	1/250 to 250 seconds	1/250 to 250 seconds	1/250 to 250 seconds
Degree of panorama	Selectable in increments of 45° from 45° to infinite	Selectable in increments of 90° from 90° to infinite	Selectable in increments of 1° from 1° to infinite	Selectable in increments of 1° from 10° to infinite	Selectable in increments of 1° from 1° to infinite
Exposure control	-	-	Before the shot, manual or automatic	Before the shot, manual or automatic	Before the shot, manual or automatic
Timer	10 seconds with bright LED	10 seconds with bright LED	Delay Timer, Interval Timer	Delay Timer, Interval Timer	Delay Timer, Interval Timer
Power supply	NiMh battery 4.8V 3.5A	NiMh battery 4.8V 3.5A	NiCd battery 12V 3.5A	NiCd battery 12V 3.5A	NiCd battery 12V 3.5A
Power charger	Universal speed charger 100-240V	Universal speed charger 100-240V	Universal speed charger 100-240V	Universal speed charger 110-240V	Universal speed charger 110-240V
Calibration	2 water bubble indicators	2 water bubble indicators	2 water bubble indicators	2 water bubble indicators	2 water bubble indicators