## **Specification Sheet for NTSC**

King         Unitability of a production of a	Specification	Sheet for I	NTSC FZ80
Note         Analysis and provide a signal section of	Metrics	Dimensions (W x H x D)	130.2 x 94.3 x 119.2 mm
		Weight	
			18.1 Megapixels
Residue		Aperture	F2.8 - 5.9 / Multistage Iris Diaphragm (F2.8 - 8.0 (W), F5.9 - 8.0 (T))
Read a process of a second s			60x
App of the second sec			f = 3.58 - 215mm (20 - 1200mm in 35mm equiv. in 4:3)
File and a probability of a probab			(22 - 1320mm in 35mm equiv. in 16:9)
			(28 - 1680mm in 35mm equiv. in 4K PHOTO recording) (28 - 1680mm in 35mm equiv. in 4K video recording)
Image: Section of the sectio			
File		Intelligent Zoom	
Note of the second se		Lens	14 elements in 12 groups
Field Part of the second sec		Optical Image Stabilizer	
Note the process of the second seco		Digital Zoom	Max. 4x (When Digital Zoom is used simultaneously with Intelligent Zoom, you can only increase the zoom ratio up to 2x.)
Factor         Control         Control           Processor         Processor         Processor           Processor         Pro	Focus		Normal: Wide 30 cm - infinity / Tele 150 cm - infinity
Image: Section of the sectio		Focus	AF / AF Macro / Macro Zoom * Each available with AFS (Single) / AFF (Flexible) / AFC (Continuous) Quick AF, Continuous AF (during motion picture recording), Touch AF/AE Function, Touch Pad AF, Touch Shutter, MF Assist, Touch MF Assist,
Apr 2         Priority is and the set of analysis of an anananalysis of an analysis of an ananananalysis of an analysis of a		Post Focus	
Result         First Sum and S			
April 1         Provide a strange and approximate approximate approximate and approximate and approximate and	0		Face/Eye Detection / Inacong / 49-area / Custom Mutti / 1-area / Pinpornt (Full area touch is available)
Read         Addit Subgramp (See 1981)           Read         Note That Subgram (See 1981)           Read	Shutter	Shutter Speed	Still Image: Approx. 4 - 1/2,000 sec (Mechanical Shutter)
Image: Part of the second se	Finder		Approx. 1 - 1/16,000 sec (Electronic Shutter) Artistic Nightscape (Approx. 60 sec)
Result         Result         Result         Result         Result           Result         Note That			Approx. 1/30 - 1/16,000 sec
Recording         Market and any and Construction of the section		Viewfinder	Approx. 1/2 - 1/16,000 sec (Creative Video M Mode / MF Mode)
Record put of the second			Magnification: Approx. 2.59x / 0.46x (35 mm camera equivalent)
Functional Section Sect			Motion Picture: AVCHD Progressive, AVCHD, MP4
Note of the second of			
start Records Turn Observed Solution 2000, Classes Synthesis, Class Synthes, Cla			Art, High Dynamic, Cross Process, Toy Effect, Toy Pop, Bleach Bypass, Miniature Effect, Soft Focus, Fantasy, Star Filter, One Point Color, Sunshine (22 filters)
		Still Image Scene Guide	Clear Portrait, Silky Skin, Backlit Softness, Clear in Backlight, Relaxing Tone, Sweet Child's Face, Distinct Scenery, Bright Blue Sky, Romantic Sunse Glow, Vivid Sunset Glow, Glistening Water, Clear Nichterane, Cool Nicht Sky, Warm, Glowice Michierene, Anterio Nichterane, Glistening Water, Clear Nichterane, Col
Actional Biology Mail (Part) <ul> <li></li></ul>			Handheld Night Shot, Clear Night Portrait, Soft Image of a Flower, Appetizing Food, Cute Dessert, Freeze Animal Motion, Clear Sports Shot,
HP Nex Mol (?)         of the Shade (?)         of the Shade (?)         of the Shade (?)           Head (?)         Add (?)         de Shade (?)         de Shade (?)         de Shade (?)           Head (?)         Mailer (?)         Mail		Continuous Shooting Mode (Appro	
Part Point Po		4K Photo Mode (*2)	4K Burst: 30 frames/sec, max. 15 min
Performance Recorder Test (Motor Potter Record Opt			4K Pre-Burst: 30 frames/sec, approx 2 sec
Builds Plants Recording (2)			
Fig. Book         Provide State St		Motion Picture Recording (*2)	
Performance Records Time (Motion Factory [17] Annual Records Time (Moti			Video 3840 x 2100 pixels, 30p (4K: 100Mbps / MP4) (Sensor Culput Is 30ps) (AAC)
Part Point Recordshi Time (Motion Piccine)         20         1000 1000 puint, Site PPD - 2004per (MPB (Senser Dayler) is Step) (MAC) 1000 1000 puint, Site PPD - 2004per (MPB (Senser Dayler) is Step) (MAC) 1000 1000 puint, Site PPD - 2004per (MPB (Senser Dayler) is Step) (MAC) 1000 1000 puint, Site PPD - 2004per (MPB (Senser Dayler) is Step) (MAC) 1000 1000 puint, Site PPD - 2004per (MPB (Senser Dayler) is Step) (MAC) 1000 1000 puint, Site PPD - 2004per (MPB (Senser Dayler) is Step) (MAC) 1000 1000 puint, Site PPD - 2004per (MPB (Senser Dayler) is Step) 1000 puint, Site PPD - 2004per (MPB (Senser Dayler) is Step) 1000 puint, Site PPD - 2004per (MPB (Senser Dayler) is Step) 1000 puint, Site PPD - 2004per (MPB (Senser Dayler) is Step) 1000 puint, Site PPD - 2004per (MPB (Senser Dayler) is Step) 1000 puint, Site PPD - 2004per (MPB (Senser Dayler) is Step) 1000 puint, Site PPD - 2004per (MPB (Senser Dayler) is Step) 1000 puint, Site PPD - 2004per (MPB (Senser Dayler) is Step) 1000 puint, Site PPD - 2004per (MPB (Senser Dayler) is Step) 1000 puint, Site PPD - 2004per (MPB (Senser Dayler) is Step) 1000 puint, Site PPD - 2004per (MPB (Senser Dayler) is Step) 1000 puint, Site PPD - 2004per (MPB (Senser Dayler) is Step) 1000 puint, Site PPD - 2004per (MPB (Senser Dayler) is Step) 1000 puint, Site PPD - 2004per (MPB (Senser Dayler) is Step) 1000 puint, Site PPD - 2004per (MPB (Senser Dayler) is Step) 1000 puint, Site PPD - 2004per (MPB (Senser Dayler) is Step) 1000 puint, Site PPD - 2004per (MPB (Senser Dayler) is Step) 1000 puint, Site PPD - 2004per (MPB (Senser Dayler) is Step) 1000 puint, Site PPD - 2004per (MPB (Senser Dayler) is Step) 1000 puint, Site PPD - 2004per (MPB (Senser Dayler) is Step) 1000 puint, Site PPD - 2004per (MPB (Senser Dayler) is Step) 1000 puint, Site PPD - 2004per (MPB (Senser Dayler) is Step PPD - 2004per (MPB (Senser Dayler) is Step) 1000 puint, Site PPD - 2004per (MPB (Senser Dayler) is Step) 10000 puint, Site PPD - 2004per (MPB (Senser Dayler) is Step			1920 x 1080 pixels, 60p (FHD: 28Mbps / AVCHD) (Sensor Output is 60tps) (Dolby) HD 1920 x 1080 pixels, 60 (FHD: 24Mbps / AVCHD) (Sensor Output is 30tps) (Dolby) Video (1000 + 1000 pixels, 60 (FHD: 24Mbps / AVCHD) (Sensor Output is 30tps) (Dolby)
Pair 200 - 72 pairs, 200 - 1000 pr. 2000 (pp. 2000) (pp. 2000)           ordinaces Recordabl Time (blois Petur) (p)         AVD 0           Actual Recordabl Time (blois Petur) (p)         AVD 0           Actual Recordabl Time (blois Petur) (p)         AVD 0           Petury (pp. 2000)         AVD 0           Actual Recordabl Time (blois Petur) (p)         AVD 0           Petury (pp. 2000)         Avd 0 <t< td=""><td></td><td>1920 x 1080 pixets, doi (PHD. 17 mops / AVCHD) (Sensor Output is doips) (Doiby)</td></t<>			1920 x 1080 pixets, doi (PHD. 17 mops / AVCHD) (Sensor Output is doips) (Doiby)
Pair 200 - 72 pairs, 200 - 1000 pr. 2000 (pp. 2000) (pp. 2000)           ordinaces Recordabl Time (blois Petur) (p)         AVD 0           Actual Recordabl Time (blois Petur) (p)         AVD 0           Actual Recordabl Time (blois Petur) (p)         AVD 0           Petury (pp. 2000)         AVD 0           Actual Recordabl Time (blois Petur) (p)         AVD 0           Petury (pp. 2000)         Avd 0 <t< td=""><td></td><td>1920 x 1080 pixels, 60p (FHD: 28Mbps / MP4) (Sensor Output is 60/pa) (AAC) 1920 x 1080 pixels, 30p (FHD: 20Mbps / MP4) (Sensor Output is 30/ps) (AAC)</td></t<>			1920 x 1080 pixels, 60p (FHD: 28Mbps / MP4) (Sensor Output is 60/pa) (AAC) 1920 x 1080 pixels, 30p (FHD: 20Mbps / MP4) (Sensor Output is 30/ps) (AAC)
Bits List parts, Sep 040, UM (Sep 04, UM (S			1280 x 720 pixels, 30p (HD: 10Mbps / MP4) (Sensor Output is 30fps) (AAC)
entimosa Recentable Tem (Moton Price) [2] AVCIC PICOLOGY Agents. 10 mm PiCology. 10 micro. 10 micro. 10 micro. 10 mm PiCology. 10 micro. 10			Tright         1280 x 720 pixels, 30p (HD: MP4) (Sensor Output is 120/ps)           Spee         640 x 480 pixels, 30p (VGA: MP4) (Sensor Output is 240/ps)
Anual Recordshi Time (Motion Pricture)         MPC	ontinuous Recordable Time (Motion Picture) (*2)	AVCHD	FHD/60p: Approx. 100 min FHD/60i: Approx. 100 min
Actual Resolution France (Risco France) (2)         APCIC         PEOR/D2		MP4	4K/30p: Approx. 80 min FHD/80p: Approx. 100 min
UP3         4000/bit Approx 00 mm           Expensive Presents         Expensive Companitation         10.18 V steps, 458 V 14.50 V 59 minutes (2004)           Lipseus Companitation         10.18 V steps, 458 V 14.50 V 59 minutes (2004)         1000 v 2004)           Lipseus Companitation         10.18 V steps, 458 V 14.50 V 59 minutes (2004)         1000 v 2004)           Hold Sensitivity         Distances (2004)         2004 v 2004)         2004 v 200	Exposure Parameters	AVCHD	FHD/80p: Approx. 50 min FHD/80i: Approx. 50 min
Exposure Compensation         11.02 Value, v6.29 V(-0.5 V/em. 2000) (		MP4	4K/30p: Approx. 40 min FHDr80p: Approx. 50 min
Light Herring         Issuiger Multiple Concert Vergined Topic           BS Sensitivity         Bit Import Autri (100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 /			Program AE, Aperture Priority AE, Shutter Priority AE, Manual
Picture Quality Picture Qualit		Light Metering	Intelligent Multiple / Center Weighted / Spot
Pickue Quaity         Bill Picture Recording         448::6021 (10) (1) 436:6020 (00) (0) (1) 2000:1001 (00) (0)           488:0021 (10) (1) 2156:0021 (00) (0) (1) 2000:1001 (00) (0)         488:0021 (10) (10) (1) 2500:1001 (00) (0)           488:0021 (10) (1) 2156:0021 (00) (0) (1) 2500:1001 (00) (0)         488:0021 (10) (10) (1) 2500:1001 (00) (0)           Wink Balance         Askin 2100:0021 (20) (10) (1) 2500:1001 (10) (1) 2500:1001 (10) (10)           Wink Balance         Askin 2100:0021 (20) (10) (1) 2500:1001 (10) (1) 2500:1001 (10) (10)           Picke Style         Bandradi (14) (14) (10) (1) 2500:1001 (10) (1) 2500:1001 (10) (10)           Picke Style         Bandradi (14) (14) (10) (1) 2500:1001 (10) (10)           Picke Style         Bandradi (14) (14) (10) (1) 2500:1001 (10) (10)           Picke Style         Receiver (14) (11) (1) (1) 2500:1001 (10) (10)           Wink Balance Bracket         3. 0.7 magas in 10, 2.0 or 12 Vask, Maxe, V3 EV           Wink Balance Bracket         3. 0.7 magas in 10, 2.0 or 12 Vask, Maxe, V3 EV           Wink Balance Bracket         3. 0.7 magas in 10, 2.0 or 12 Vask, Maxe, V3 EV           Wink Balance Bracket         3. 0.7 magas in 10, 2.0 or 12 Vask, Maxe, V3 EV           Wink Balance Bracket         3. 0.7 magas in 10, 2.0 or 12 Vask, Maxe, V3 EV           Wink Balance Bracket         3. 0.7 magas in 10, 2.0 or 12 Vask, Maxe, V3 EV           Wink Balance Bracket         3. 0.7 magas in 10, 2.0 or 12 Vask,		100 benantry	Motion Picture: Auto / 80 / 100 / 200 / 400 / 800 / 1600 / 3200
Flipback:	Picture Quality	Still Picture Recording	4896x3672 (18M) (L) / 3456x2592 (9M) (M) / 2400x1800 (4.5M) (S)
Note Control         Note Topic Control         Note Topic Control           Prote Size         Bandadi Vide Vide Vide Size Vides Vide			4896x2752 (13.5M) (L) / 3840x2160 (8M) (M) / 1920x1080 (2M) (S)
Playback         Num         Autor (Joudy / Stack / Kandy Kan		Image Quality	
Playback         Plaster Kolum         Startiget Vide Natural, Monochnem, Sterry, Potrat Lation           Playback         KEI Stack         S. A. Franges in L. J. 20 of L. Y. Wash, Monochnem, Boder YJ, Ten Ellert** <ul> <li>"Experimentation of the Start Start</li></ul>			Auto / Daylight / Cloudy / Shade / Incandescent / Flash / White Set1 / White Set2 / White Set3 / White Set4 / Color Temperature
Bracket         Bracket         3. 5. 7 mages in 10. 20 of 12 Vap. Max. +0 SV           Write Basics Bracket         3 exponse in Multification and in mageritation and in			Standard, Vivid, Natural, Monochrome, Scenery, Portrait, Custom
Wink Balance Bracket         3 exposures in Multimeter also in maginalayteen asis           Organ Bed Spreetworks Med SP Rev Way (Ch / Org)			
Bits		White Balance Bracket	3 exposures in blue/amber axis or in magenta/green axis
Playback         MC	Other	GPS	ye Rem Yes (On / Off)
Playback:         WPA/WPA2 instanceum Mode/WPS Network         WPA/WPA2 instanceum Mode/WPS Network           File Som in Motion Plazme         >:           Som in Motion Plazme         Yes Som Time         2 ase/10 as		Wi-Fi	2412 MHz - 2462 MHz (1-11 ch)
No.         -           Playback         NPC         -           Playback         NPC         Ves           Playback         Playback         NPC         -           Playback         Playback         All Seators, Flaving Play (Nutue Oxly, Value Oxly, 4K PHOTO, Past Focus, Category Selection, Flavorie), Category Selection, Selectio			WPA / WPA2
Note:         2 Jac (1) Dac (1) Dac (2) Huggs)           Playback:         Paylack Mode:         2 Jac (1) Dac (1) Dac (2) Huggs)           Tumbuild / Zoomer Playback         12,30-bunchuisk / Yes           Bef Povidies / Robert Huggs         Yes (1/Yes           RAW Processort         Stabulary (1/Yes)           Raw Processort         Stabulary (1/Yes)           PoetBridge Support         Single 1/MeI (1/Q D'OF) (Pavotas           Setur         OD Huggs         Peast and ter to 'OD' Sheet           Sold / Support         Single 1/MeI (1/Q D'OF) (Pavotas           Balties - Flash         Data (1/Yes) (1/Ye			
Pigyback         Pigyback         Pigyback         Pigyback         All, Edistabutor, Finisting Pigy (Fulsam Chip), Video Chip, 4K PHOTO, Post Dosa, Category Selection, Favorite), Category           Financial Science Pigyback         C 32.04-antrolism) Vise         Vise / Vise           Bine Pisorgan Chip Show Highlight         Vise / Vise         Vise / Vise           DOP Print Setting J Sel Proteits         Vise / Vise         Concert Patrockin           Ration Concert         Vise / Vise         Concert Patrockin           Ration Concert         Vise / Vise         Concert Patrockin           Vise Protects         Vise / Vise         Concert Patrockin           Vise Patrockin         Solid Fisch Vise Notice         Solid Fisch Vise Notice           Vise Patrockin         Solid Fisch Vise Notice         Solid Fisch Vise Notice           Vise Patrockin         Solid Fisch Vise Notice         Solid Fisch Vise Notice           Vise Patrockin         Solid Fisch Vise Notino		Self Timer	2 sec / 10 sec / 10 sec (3 images)
Bit Forvites / Rotate Image         Ves. / ves           Brow Histography         Yes. / Ves           DPOP Print Setting / Set Provide.         Yes. / Ves           Brow Histography         Yes. / Ves           Retorch         Conser Retorch           Ratizer / Corgonita         Yes. / Yes           Yes. Proves.         Yes. / Yes           Ratizer / Corgonita         Strage / Moni / Mr. / M	Playback Display		
Image: Provide Stating / Set Protection         Yes / Yes           Restore         Chair Processing         Yes           Restar / Transport         Yes         Restar / Transport           Yes / Yes         Yes         Yes           Restar / Transport         Yes         Yes           Yes         Yes         Yes           Restar / Transport         Single / Main / All (DOD' / Fourtains           Perturb / Transport         Single / Main / All (DOD' / Fourtains           Other So         Odd Language         Perturb / Yes           Perturb / Transport         Single / Main / All (DOD' / Fourtains           Setup         Odd Language         Perturb / Yes           Perturb / Transport         Single / Transport / Tra			Yes / Yes
RAF Processing         Yes           Ratize / Corport         Yes / Yes           Title dir/ Text Stamp         Yes / Yes           Video Divide         Yes           Video Divide         Yes           Potteringe Support         Single / Moni / All / DPOF / Favorites           Others         601 Language           Built- In: Flash         Annot / All / DPOF / Favorites           Passes refer to ViDD' Direct         Single / Moni / All / DPOF / Favorites           Others         601 Language           Built- In: Flash         Annot / Allon / All / DPOF / Favorites           Annot / Allon Step yee Reduction, Floor Opoly (Holdk dets)         Single / Double / Single / D	E.dia	DPOF Print Setting / Set Protectio	n Yes / Yes
The Gut / Text Stamp         Ves / Ves           Video Divide         Ves / Ves           Profit Divides Support         Single Num / Al / DPOF / Favorites           Soluty         OSD Languages           Others         Soluty / Adv / All / All / DPOF / Favorites           Built- In: Flash         3.0" / Com ITT Screen LCD Rospin (140k dots)           Table Touch / Courted         3.0" / Com ITT Screen LCD Rospin (140k dots)           Flash         Built- In: Flash           Rest Touch / Courted         Flash Touch / Courted           Video Divide View Approx. 100%, Wide Viewing angle, AF Costing         Flash (140k dots)           Rest Touch / Courted         Flash (150 Auko). 15.1. Int (140 / Rospin (140k dots)           Soluting Courted         Soluting Courted         Flash (150 Auko). 15.1. Int (140 / Rospin (140k dots)           Video Divide Gotting Media         Soluting Courted         Flash (150 Auko). 15.1. Int (140 / Rospin (140 / Rosp	EOR	RAW Processing	Yes
Petitinge Support         Single Main / AI (DPC) / Forwards           Oth Language         Pleasa multin 'SOD' Brait Salas Touth 'DocuM' Brait Touth Council (DP Brait Salas Touth Council (DP Brait Touth Council) Flat D'Annie (DP Brait Touth Council) Blattin to Memory Blattin to Memory Flat Plat Flat Flat Salar (DP Brait (Council) Flat Blattin Memory Card (DP Brait Touth Council) Blattin to Memory Peere Peere Peere Flat Plat La D'Annie (DP Brait Flat Salar) Blattery La (Approx.) Blattery La (Approx.) Blatte		Title Edit / Text Stamp	Yes / Yes
Setup         OBC Lunguage         Press refer to 'SGD' them           Others         Not / Short		PictBridge Support	Single / Multi / All / DPOF / Favorites
Batter Touch Control     Batter Touch Con		OSD Language	Please refer to "OSD" Sheet 3.0" (7.5cm) TFT Screen LCD Display (1040k dots)
Media         Recording Media         Constraints           Media         Recording Media         SD1 Memory Card, SD4XX Memory Card, SDXX Memo			Static Touch Control Field of View: Approx. 100%, Wide Viewing-angle, AF Coating
Media         Recording Media         SD Memory Card, SDK2 Memory Card, SDK2 Memory Card           Built-In-Memory         -           Built-In-Memory         -           Audio         Microphone 7 Spaint           Built-In-Memory         -           Audio         Microphone 7 Spaint           Built-In-Memory         -           Audio         Microphone 7 Spaint           Built-In-Memory         Batery LMon           Power         -           Batery Life (Approx.)         -           Approx. 201 memory memory and (201 mingen (207) (1))         -           Batery Life (Approx.)         -           Approx. 201 memory weblic weblic (201 File on bodie this camera. To do this, SUK/PEN Developer Shudio is available for downlob           Approx. 201 memory weblic weblic (201 File on bodie this camera.         -	Flash	Built- in- Flash	Auto*, Auto/Red-eye Reduction*, Forced On, Forced On/Red-eye Reduction, Slow Sync., Slow Sync./Red-eye Reduction, Forced Off * For IA, IA+ mode only.
Built- in- Memory	Media	Recording Media	191 Carrient Symp. 2010 Cuttain Symp. 0.3 - 14.1m (Wide / SO Auto), 1.5 - 6.1m (Tele / ISO Auto) SD Manon Card SDFC Manony Card SDYC Manone Card
Audid         Microphone / Speaker         Stetero / Monio           Interface         microt/DMI type/D (*3), USB2.0 Micro-B           Power         Li-oo Battery PLAK ( 27, BiomAn, 6.5 Vh1) (Included) USB Power Changing           Battery Life (Approx.)         Approx. 330 maps (tear monibid), 240 images (LVF) (*1)           Standard Package         Included Software           - The software to process RAW (R on PC) connected to the Internet.	media	-	uc memory uand, surre, memory uand, surve, memory Cand (Compatible with UHS-1 UHS Speed Class 3 standard SDHC / SDXC Memory Cards)
Power         Li-ion Batter / Pak (7.2V, B/6mAh, 8.5 Wh) (Included) USB Power Charging           Batter / Life (Approx.)         Approx.30 images (nor monitor), 240 images (LVF) (*1)           Standard Package         Included Software           * The software to process RAW file on PC connected to the Internet.         The software to process RAW file on PC in the bind dwith the comment. To do this, SLKYPTX Developer Studio is available for download to the Internet.		Microphone / Speaker	
Battery Life (Approx.)         Opport. Shardwarf (in monitor), 240 images (J.VF) (*1).           Standard Package         Included Software         The sufficiency to process RAW III on PC is not bondlow within camera. Todo this, SLKYPTX Developer Shudio is available for downlow the sufficiency within sufficiency.	Interface Power	Interface Power	Li-ion Battery Pack (7.2V. 895mAb, 6.5 Wh) (Included)
Standard Package Included Software The software to process RAW file on PC is not bundled with this camera. To do this, SILKYPIX Developer Studio is available for downlo Ichikawa Soft Laboratory's website using PC connected to the Internet.		Battery Life (Approx.)	USB Power Charging
remixativa Sort Laboratory's website using PV conflected to the Internet.	Standard Package		The software to process RAW file on PC is not bundled with this camera. To do this, SILKYPIX Developer Studio is available for download at
<ul> <li>The Operating Instructions for advanced features is available for downloaded at Panasonic LUMIX Customer Support Site using PC, sm tablet connected to the Internet.</li> </ul>			<ul> <li>The Operating Instructions for advanced features is available for downloaded at Panasonic LUMIX Customer Support Site using PC, smartphone or</li> </ul>
<ul> <li>The software for PC is not bundled with this camera. Please use the software pre-installed to the PC or other general image viewing softwares.</li> </ul>			<ul> <li>The software for PC is not bundled with this camera. Please use the software pre-installed to the PC or other general image viewing software to browse pictures.</li> </ul>
Standard Accessories Please refer to "Accessories" Sheet		Standard Accessories	Please refer to "Accessories" Sheet

E: Reacrding conditions by CPA standard - Temperature 23<sup>+</sup>C (7.1 <sup>+</sup> Pi) / Hunding; 50%RH when monitor is on. - Using a Phasasce 26%RC Memory Cold - Disolary processing 26%RC Memory Cold - Silonity recording 20 - Second with full lists hever second media cyclical image stabilizer function is set to [ON]. - Reading the zoom liver from Table to Wildle or vice versa in every recording. - Reading the zoom liver from Table to Wildle or vice versa in every recording. - Reading the zoom liver from Table to Wildle or vice versa in every recording. - Reading the zoom liver from Table to Wildle or vice versa in every recording. - Reading the zoom liver from Table to Wildle or vice versa in every recording. - Reading the zoom liver from Table Wildle or vice versa in every recording. - Reading the zoom liver from Table Wildle or vice versa in every recording. - Reading the zoom liver from Table Wildle or vice versa in every recording. - Reading the zoom liver from Table Wildle or vice versa in every recording. - Reading the zoom liver from Table Wildle or vice versa in every recording. - Reading the zoom liver from Table Wildle or vice versa in every recording. - Reading the zoom liver from Table Wildle or vice versa in every recording. - Reading the zoom liver from Table Wildle or vice versa in every recording. - Reading the zoom liver from Table Wildle or vice versa in every recording. - Reading the zoom liver from Table Wildle or vice versa in every recording. - Reading the zoom liver from Table. - Reading the zoom liver from Table Wildle or vice versa in every recording the tot were the tot were been tot were tot wer -1

- Use a card with SD Speed Class with "Class 4" or higher when recording motion pictures.
- Use a card with SD Speed Class with "UH-1 Speed Class 3 (UL)" when recording motion pictures with (MPd) in [41] or [44] OP (47070).
(35) repeat class in the speed standard squared control with values with (MPd) in [74:0070].
(36) repeat class in the speed standard class 3 (UL) when recording motion pictures with (MPd) in [74:0070].
(37) repeat class in the speed standard class 3 (UL) when recording motion pictures with (MPd) in [74:0070].
(38) repeat class in the speed standard class 3 (UL) when recording the speed record with (MPd) in [74:0070].
(38) repeat class in the class 3 (UL) when recording the speed record with (MPd) in [74:0070].
(38) repeat record recor \*2

These are standard listed a bit of information of 23 of 73.4 of 7 and a humiting in the formation of 500/RN. - The time available for recording varies depending on the environment, the interval between recordings, and the manner of use. - Actual recordable for recording varies depending on the environment, the interval between recordings, and the manner of use.

\*3 For [4K] video output, use an HDMI cable that has the HDMI logo on it, and that is described as\*4K compatible\*.