



P2HD Shoulder-Mount Camcorder

AJ-PX380

P2HD Shoulder-Mount Camcorder with AVC-ULTRA recording and studio camera configuration

Key Features

1/3-type 2.2 megapixel 3MOS sensor delivers Full HD resolution with sensitivity of F12 (50Hz) or F11 (59.94Hz) in a lightweight body of 2.7kg

Equipped with CAC to maximise lens performance and DRS to compensate for lighting variations

Built-in AVC ULTRA recording that features AVC-Intra 200/500/50 and AVC-LongG50/25/12

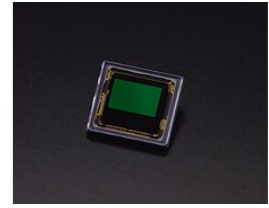
AVC PROXY P2HD

micro
P2

HDMI™
HIGH DEFINITION MULTIMEDIA INTERFACE

AVC INTRA AVC LongG AVC ULTRA

SXC™
P2



AJ-PX380

<https://eu.connect.panasonic.com/sk/en/broadcast-proav/professional-camcorders/aj-px380>

General -> Power Supply	DC 12 V (11.0 V to 17.0 V)
General -> Power Consumption	19 W (body only, 1080/60i, AVC-Intra 100 standard recording status, LCD ON) 58W (with all optional accessories connected and maximum power supplied from each output terminal)
General -> Operating Temperature	0 °C to 40 °C (32 °F to 104 °F)
General -> Operating Humidity	10 % to 85 % (relative humidity)
General -> Storage Temperature	-20 °C to 60 °C (-4 °F to 140 °F)
General -> Weight ^{*1}	Approx. 2.7 kg (6.0 lbs.) (body only, excluding the battery and accessories)
General -> Dimensions ^{*1}	W 144 mm x H 267 mm x D 348 mm (5-21/32 inches x 10-1/2 inches x 13-11/16 inches) (excluding protrusion)
Camera Unit -> Image Sensor	1/3 type MOS x 3
Camera Unit -> Number of Pixels	2.2 million pixels
Camera Unit -> Lens Mount	1/3 type bayonet
Camera Unit -> Optical Filter -> ND Filter	1: CLEAR, 2: 1/4ND, 3: 1/16ND, 4: 1/64ND
Camera Unit -> Gain Setting	NORMAL mode: 0 dB, 3 dB, 6 dB, 9 dB, 12 dB, 15 dB, 18 dB HIGH SENS mode: -3 dB, 0 dB, 3 dB, 6 dB, 9 dB, 12 dB, 15 dB, 18 dB
Camera Unit -> Super Gain (S.GAIN)	Selectable from 24 dB, 30 dB, 36 dB
Camera Unit -> Shutter Speed -> [59.94 Hz] 59.94i/59.94p mode	1/60 (OFF) sec., 1/100 sec., 1/120 sec., 1/250 sec., 1/500 sec., 1/1000 sec., 1/2000 sec.
Camera Unit -> Shutter Speed -> [50.00 Hz] 50i/50p mode	1/50 (OFF) sec., 1/60 sec., 1/120 sec., 1/250 sec., 1/500 sec., 1/1000 sec., 1/2000 sec.
Camera Unit -> Shutter Speed -> [59.94 Hz] 29.97p mode	1/30 (OFF) sec., 1/50 sec., 1/60 sec., 1/120 sec., 1/250 sec., 1/500 sec., 1/1000 sec.
Camera Unit -> Shutter Speed -> [50.00 Hz] 25p mode	1/25 (OFF) sec., 1/50 sec., 1/60 sec., 1/120 sec., 1/250 sec., 1/500 sec., 1/1000 sec.
Camera Unit -> Shutter Speed -> [59.94 Hz] 23.98p mode	1/24 (OFF) sec., 1/50 sec., 1/60 sec., 1/120 sec., 1/250 sec., 1/500 sec., 1/1000 sec.
Camera Unit -> Synchro Scan Shutter -> [59.94 Hz] 59.94i/59.94p mode	1/60.0 sec. to 1/249.8 sec.
Camera Unit -> Synchro Scan Shutter -> [50.00 Hz] 50i/50p mode	1/50.0 sec. to 1/250.0 sec.
Camera Unit -> Synchro Scan Shutter -> [59.94 Hz] 29.97p mode	1/30.0 sec. to 1/249.8 sec.
Camera Unit -> Synchro Scan Shutter -> [50.00 Hz] 25p mode	1/25.0 sec. to 1/250.0 sec.
Camera Unit -> Synchro Scan Shutter -> [59.94 Hz] 23.98p mode	1/24.0 sec. to 1/249.8 sec.
Camera Unit -> Shutter Speed (Slow Shutter) -> [59.94 Hz] 59.94i/59.94p mode	1/15 sec., 1/30 sec.
Camera Unit -> Shutter Speed (Slow Shutter) -> [50.00 Hz] 50i/50p mode	1/12.5, 1/12.5 sec.
Camera Unit -> Shutter Speed (Slow Shutter) -> [59.94 Hz] 29.97p mode	1/15 sec.
Camera Unit -> Shutter Speed (Slow Shutter) -> [50.00 Hz] 25p mode	1/12.5 sec.
Camera Unit -> Shutter Speed (Slow Shutter) -> [59.94 Hz] 23.98p mode	1/12 sec.
Camera Unit -> Shutter Open Angle	3.0 deg to 360.0 deg (in 0.5 deg steps, angle display)
Camera Unit -> Horizontal Resolution	1000 TV or higher (center)
Memory Card Recorder -> Recording Media	P2 card x1, microP2 card ^{*1} x2
Memory Card Recorder -> System Format	1080/59.94p, 1080/59.94i, 1080/23.98psF, 720/59.94p, 480/59.94i, 1080/50p, 1080/50i, 720/50p, 576/50i
Memory Card Recorder -> Recording Format	AVC-Intra100/AVC-Intra50/AVC-LongG50/AVC-LongG25/AVC-LongG12/ DVCPRO HD/DVCPRO50/DVCPRO/DV formats switchable
Memory Card Recorder -> Recording Video Signal	1080/59.94p, 1080/59.94i, 1080/29.97pN, 1080/23.98pN, 720/59.94p, 720/29.97pN, 720/23.98pN, 480/59.94i, 480/29.97p, 1080/50p, 1080/50i, 1080/25pN, 720/50p, 720/25pN, 576/50i, 576/25p

Memory Card Recorder -> Recording/Playback Time *2	AVC-Intra 100/DVCPRO HD: 30 GB x 1: Approx. 30 min., 32 GB x 1: Approx. 32 min. 60 GB x 1: Approx. 60 min., 64 GB x 1: Approx. 64 min.
	AVC-Intra 50/AVC-LongG50/ DVCPRO50: 30 GB x 1: Approx. 60 min., 32 GB x 1: Approx. 64 min. 60 GB x 1: Approx. 120 min., 64 GB x 1: Approx. 128 min.
	AVC-LongG 25/DVCPRO/DV: 30 GB x 1: Approx. 120 min., 32 GB x 1: Approx. 128 min. 60 GB x 1: Approx. 240 min., 64 GB x 1: Approx. 256 min.
	AVC-LongG 12: 30 GB x 1: Approx. 225 min., 32 GB x 1: Approx. 240 min. 60 GB x 1: Approx. 450 min., 64 GB x 1: Approx. 480 min.
Digital Video -> Quantization -> AVC-Intra100/AVC-Intra50/AVC-LongG50/AVC-LongG25	10 bit
Digital Video -> Quantization -> AVC-LongG12/DVCPRO HD/DVCPRO50/DVCPRO/DV	8 bit
Digital Video -> Video Compression Format -> AVC-Intra 100/AVC-Intra 50	MPEG-4 AVC/H.264 Intra Profile
Digital Video -> Video Compression Format -> AVC-LongG50/AVC-LongG25/AVC-LongG12	MPEG-4 AVC/H.264
Digital Video -> Video Compression Format -> DVCPRO HD	DV-Based Compression
Digital Video -> Video Compression Format -> DVCPRO50/DVCPRO	DV-Based Compression
Digital Video -> Video Compression Format -> DV	DV Compression
Digital Audio -> Recording Audio Signal -> P2	48 kHz/16 bit, 4 CH and 48 kHz/24 bit, 4 CH switch (AVC-Intra100/AVC-Intra50)
	48 kHz/24 bit, 4 CH (AVC-LongG50/AVC-LongG25)
	48 kHz/16 bit, 4 CH (AVC-LongG12/DVCPRO HD/DVCPRO50/DVCPRO/DV)
Digital Audio -> Headroom	18 dB/20 dB (switchable with menu)
AVC Proxy -> Video Compression Format	H.264/AVC Baseline Profile, H.264/AVC High Profile
AVC Proxy -> Audio Compression Format	AAC-LC, Linear PCM
AVC Proxy -> Recording Time *4	AVC-G6 2CH MOV: Approx. 13 min. SHQ 2CH MOV: Approx. 25 min. HQ 2CH MOV: Approx. 78 min. LOW 2CH MOV: Approx. 135 min.
Video Input/Output -> SDI OUT1	BNC x 1
Video Input/Output -> SDI OUT2/IN	HD-SDI (3G/1.5G), SD-SDI: 0.8 V [p-p], 75 Ω BNC x 1, SDI OUT2, SDI IN (menu selection) (Can be switched to HD-SDI/SD-SDI on SmartUI.) HD-SDI (1.5G), SD SDI: 0.8 V [p-p], 75 Ω
Video Input/Output -> GL IN/VIDEO OUT	HDMI x 1 (HDMI type A terminal, not compatible with VIERA Link)
Video Input/Output -> HDMI	BNC x 1, GENLOCK IN, VIDEO OUT (menu selection) GENLOCK IN: 1.0 V [p-p], 75 Ω VIDEO OUT: Composite, 1.0 V [p-p], 75 Ω
Audio Input/Output -> AUDIO IN	XLR (3 pin) x 2, LINE/MIC (switch selection) LINE: 0 dBu MIC: -50 dBu/-60 dBu (menu selection), +48 V ON/OFF (switch selection)
Audio Input/Output -> MIC IN	XLR (3 pin) x 1, +48 V supported (selectable menu), -40 dBu/-50 dBu/-60 dBu (selectable menu)
Audio Input/Output -> WIRELESS IN	25 pin, D-SUB, -40 dBu, 2 CH supported
Audio Input/Output -> AUDIO OUT	Pin jack x 2 (CH1, CH2), Output level: 600 Ω, 316 mV
Audio Input/Output -> Headhone	3.5 mm diameter stereo mini jack x1
Audio Input/Output -> Built-in Speaker	20 mm diameter, round x 1

Other Input/Output -> TC IN/OUT	BNC x 1, IN/OUT (menu selection)
	IN: 0.5 V [p-p] to 8 V [p-p], 10 k Ω
	OUT: 2.0 \pm 0.5 V [p-p], Low impedance
Other Input/Output -> DC IN	XLR x 1, 4 pin, DC 12 V (DC 11.0 V to 17.0 V)
Other Input/Output -> DC OUT	4 pin, DC 12 V (DC 11.0 V to 17.0 V), maximum output current 1.5 A
Other Input/Output -> REMOTE ^{*5}	10 pin
Other Input/Output -> LENS	12 pin
Other Input/Output -> EVF	20 pin
Other Input/Output -> LAN	100BASE-TX/10BASE-T
Other Input/Output -> USB 2.0 (DEVICE)	Type B connector, 4 pin
Other Input/Output -> USB 2.0 (HOST)	Type A connector, 4 pin
Other Input/Output -> USB 2.0 (SUB HOST)	Type A connector, 4 pin (exclusively for wireless module AJ-WM30)
Footnote Description	

1. The production of microP2 cards have been discontinued. When recording to SD memory cards in P2 format, please use SDXC memory cards with video speed class V90 or faster. Please use the latest version of the camera recorder software.
2. These are reference values for continuous recording using the Panasonic products. The recording time may differ depending on the scene or the number of clips.

