

Panasonic

P2HD

AJ-PX380G

Memory Card Camera Recorder

AJ-PX380G

Main unit only*

*This model is not available in some areas.

AJ-PX380GF

Bundled with a FUJINON 17x Zoom Lens
and AG-CVF15G Color LCD Viewfinder

Scheduled for release in September, 2015

Preliminary



Broadcast Quality Image and Comfortable Workflow with AVC-ULTRA¹, microP2 Card Slots, and Network Functions^{**}.

The shoulder-type AJ-PX380G Camera Recorder raises broadcast picture quality and enhances network-based workflows, while adding compact, lightweight mobility and low-cost operation. Its 1/3-type 2.2-megapixel 3MOS sensor achieves high sensitivity and high S/N. Broadcast-level AVC-ULTRA codecs (AVC-Intra, AVC-LongG, and AVC-Proxy) further enhance recording quality. You can select the most suitable codec for your purpose, from high-quality 4:2:2 10-bit recording to low-rate HD streaming and FTP transmission. It also supports 1080/59.94p, 50p acquisition and 3G-SDI output. It comes equipped with a P2 card slot^{*2} and microP2 card slots. Network functions^{**} support wired LAN, wireless LAN, and 4G/LTE connectivity. New workflow functions include Wireless Preview/Remote with PC/Mac, tablet device or smartphones, Rec during Uploading, and On-Air Streaming. An SDI input and wireless slot are also featured, providing all-round networking support. The AJ-PX380G also comes in two variations, one consisting of only the camera recorder,^{*3} and the other bundled with a FUJINON 17x Zoom Lens and AG-CVF15G Color HD Viewfinder.

^{*1}: AVC-ULTRA is the name of Panasonic's professional video codec family. The AJ-PX380G does not support all of the formats included in the AVC-ULTRA family.

^{*2}: The AJ-P2AJ1G memory card adaptor cannot be used. ^{*3}: This model is not available in some regions. ^{**} For details, refer to "Notes Regarding Network Functions" on the back page. The use of DCF Technologies is under license from Multi-Format, Inc.

AVC ULTRA AVC INTRA AVC LongG AVC Proxy P2 P2 micro P2 Xc HDMI™ HIGH-DEFINITION MULTIMEDIA INTERFACE

AJ-PX380G Camera Recorder

Broadcast-Quality 2.2-Megapixel 3MOS Sensor and AVC-ULTRA Codecs

- Featuring the 2.2-megapixel 1/3-type 3MOS image sensor, this advanced camera recorder achieves high F11 (59.94 Hz)/F12 (50 Hz) sensitivity and excellent picture quality.
- 1080/60p*1 supported. 1080/60i,*1 24p,*1 30p,*1 720p multi-format HD and SD recording. Switchable between 59.94 Hz and 50 Hz for 50i, 50p, and 25p support.
- Features the AVC-ULTRA*2 multi-codec family, including the popular AVC-Intra100/50, the AVC-LongG50/25 with low-bit-rate Full-HD (1920 x 1080) 4:2:2 10 bit picture quality, and the AVC-LongG12 (8 bit 4:2:0) for extended recording.
- Dual-codec recording with the low-bit-rate AVC-Proxy further enhances network operation.
- Two standard-equipped microP2 card slots dramatically reduce media costs and enable Simultaneous Rec. and Hot-Swap Rec. One P2 card slot*3 is also equipped.

The use of DCF Technologies is under license from Multi-Format, Inc.

Versatile Network Functions**

Include FTP Data Transfer and Streaming

- Wired LAN, wireless LAN, and 4G/LTE connectivity. FTP server uploading and Streaming are supported.
- A new function, Rec during Uploading, automatically uploads recorded clips to an FTP server or cloud server. Uploading is done in the background, and recording/playback continues during the transfer.
- On-Air Streaming can also be conducted while recording. In addition to selecting from 800 kbps to 6 Mbps (Full-HD), a QoS (Quality of Service) mode is available for streaming. It automatically controls the bit rate and frame rate to match the network conditions, for stable streaming performance.
- When connected by wireless LAN, recorded clips can be previewed and metadata can be checked and edited with a PC/Mac, smartphone or tablet device.
- P2 ROP App for iPad, is provided, enabling an advanced wireless camera remote function.

SDI IN, Wireless Slot, and Other Broadcasting Functions

- Line recording is enabled by standard-equipped SDI input. 3G-SDI IN and HDMI OUT are also equipped.
- High-quality 24 bit/48 kHz/4 channel audio recording is supported.*4 A UniSlot® compatible wireless receiver slot (2 channels) is provided, and an audio source can be selected for each channel, choosing from mic-in and line-in.
- Wired remote control is possible using the AK-HRP200G, AG-EC4G and AJ-RC10G. This enables quasi studio camera use.
- Two SDI OUT, HDMI OUT, VIDEO OUT, GENLOCK IN and TC IN/OUT are equipped.*5
- 1/3-type interchangeable lens mount system is featured to support various lenses.
- Lightweight at approximately 2.8 kg (6.2 lb) for the main unit only. Approximately 4.85 kg (10.7 lb) with the lens and viewfinder bundled in the AJ-PX380GF package.

*1: 60i, 60p, 24p, and 30p are actually recorded in 59.94i, 59.94p, 23.98p, and 29.97p, respectively.

*2: Not all AVC-ULTRA formats are supported.

*3: The AJ-P2AJ1G memory card adaptor cannot be used.

*4: Clips recorded using 24 bit audio must be played back with 24 bit compatible P2 equipment or the P2 Viewer Plus. If clips are played back with equipment not compatible with 24 bit audio, the clip number will be indicated in red and the clips will not be played back.

*5: 3G output via SDI OUT1 only. Terminals provided each for SDI OUT2/SDI IN (1.5G IN/OUT), GENLOCK IN/VIDEO OUT, and TC IN/OUT. Input/output is menu selectable.

** Notes Regarding Network Functions

- For 4G/LTE connection: 4G/LTE module is required from a 3rd party. Availability of this function may vary depends on areas. For details, please visit Panasonic website <http://pro-av.panasonic.net/en/sales_o/p2/server/4glte.html>.
- For wireless LAN connection: Wireless module (optional, AJ-WM30) is required. For the OS, browser, device compatibility information, see "Service and Support" on the Panasonic website <<http://pro-av.panasonic.net/>>. Some functions are not supported by some devices.
- For iPad remote control: The P2 ROP App (downloadable free of charge from the Apple App Store) is required. For details, please visit Panasonic website <<http://pro-av.panasonic.net/>>.
- For streaming: Transfers only to a designated server (one server). The proxy image cannot be recorded while streaming. The streaming function cannot be used together with dual codec recording and simultaneous recording, or with the Rec during Uploading function. For details on downloading and the operating environment of video streaming compatible application software, please refer to the Panasonic website <<http://panasonic.biz/sav/p2>>. For streaming, 4G/LTE USB modem and PC must be able to access directly each other by Public IP (Global IP). Please contact your provider to get Public IP (Global IP). To display the streaming video using P2 browser, player is required. (VLC MEDIA PLAYER for Windows PC, QuickTime Player for Mac.) P2 Streaming Receiver software (Windows only, not supported by Mac; available free of charge) is required for receiving the QoS mode. Please visit Panasonic website <<http://pro-av.panasonic.net/en/download/>>.

Panasonic®

Panasonic Corporation
AVC Networks Company
2-15 Matsuba-cho, Kadoma, Osaka 571-8503
Japan
<http://pro-av.panasonic.net/>

[Countries and Regions]

Argentina	+54 11 4122 7200
Australia	+61 (0) 2 9491 7400
Bahrain	+973 252292
Brazil	+55 11 3889 4035
Canada	+1 905 624 5010
China	+86 10 6515 8828
Hong Kong	+852 2313 0888
Czech Republic:	+421 (0) 903 447 757
Denmark	+45 43 20 08 57
Egypt	+20 2 23938151
Finland, Latvia, Lithuania, Estonia	+358 (9) 521 52 53
France	+33 (0) 1 47 91 64 00
Germany, Austria, Switzerland	+49 (0) 6103 313887
Greece	+30 210 96 92 300
Hungary	+36 (1) 382 60 60
India	+91 1860 425 1860
Indonesia	+65 6277 7284
Iran (Vida)	+98 21 2271463
(Panasonic Office)	+98 2188791102
Italy	+39 02 6788 367
Jordan	+962 6 5859801
Kazakhstan	+7 727 298 0891
Korea	+82 2 2106 6641
Kuwait	+96 522431385

Lebanon	+96 11665557
Malaysia	+60 3 7809 7888
Mexico	+52 55 5488 1000
Netherlands, Belgium	+31 73 640 2729
New Zealand	+64 9 272 0100
Norway	+47 67 91 78 00
Pakistan	+92 5370320 (SNT)
Palestine	+972 2 2988750
Panama	+507 229 2955
Philippines	+65 6277 7284
Poland	+48 (22) 338 1100
Portugal	+351 21 425 77 04
Romania, Albania, Bulgaria, Macedonia	+40 (0) 729 164 387
Russia & CIS	+7 495 9804206
Saudi Arabia	+96 626444072
Singapore	+65 6277 7284
Slovak Republic, Croatia, Serbia, Bosnia, Montenegro, Slovenia	+421 (0) 903 447 757
South Africa	+27 11 3131622
Spain	+34 (93) 425 93 00
Sweden	+46 (8) 680 26 41
Syria	+963 11 2318422/4
Taiwan	+886 2 2227 6214
Thailand	+662 731 8888

Turkey	+90 216 578 3700
U.A.E. (for All Middle East)	+971 4 8862142
Ukraine	+380 44 4903437
U.K.	+44(0)1344 70 69 13
U.S.A.	+1 877 803 8492
Vietnam	+65 6277 7284



JQA-0443



Factories of AVC Networks Company have received ISO14001:2004-the Environmental Management System certification. (Except for 3rd party's peripherals.)