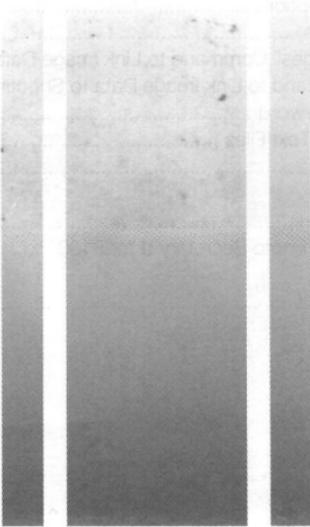


Nikon

AC-2WE

Photo Secretary II for F100
(for Windows®)

Instruction manual



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6. General

If any provision of this agreement shall be determined to be invalid for any reason, the remaining provisions shall not be invalidated and shall remain in full force and effect.

Technical Support

Nikon strives to produce high quality software that is simple to install and operate. If you encounter a problem installing or operating this software package, please take the following steps before contacting technical support.

If you are unable to establish communication with your camera through the serial link, check the status of your communication ports in the Windows® Device Manager. You can open the Device Manager by going to the Control Panels Folder and Double Clicking on the "System" Icon. Find the "Ports" icon in the list of devices and click on the "+" sign just to the left of the "Ports" Icon.

Your system may have only one or two Com ports shown. If Com 1 or Com 2 have a red "X" or a yellow "!" attached, this indicates a system conflict is present. Click on the port icon that shows a conflict and then click "Remove" at the bottom of the System Properties dialog. Shut the system down via the START menu and then restart. Windows® will attempt to reinstall the ports using the default values. If the ports still show any conflict after reinstallation, please contact your system vendor for assistance.

If your Ports appear to be operating properly (no conflicts shown) and you still cannot establish communication with your camera, double click on each Com port in turn and check the settings located under the "Resources" tab. The ports should be at the expected default settings.

The default setting for Communication ports One and Two:

Com Port	IRQ	I/O range
1	4	03F8-03FF
2	3	02F8-02FF

If your ports are not set to these parameters, Photo Secretary may not be able to establish communication with your camera. Please make the appropriate adjustments to the port settings, then restart your PC.

Please note that if your system supports Com Ports 3 and 4, devices attached to these ports will cause a conflict with Com Ports 1 and 2 if you attempt to use the devices simultaneously. If you have a serial mouse installed at Com 1 and an internal modem installed at Com 2, you will not be able to use Photo Secretary on Com 3 in any case, or on Com 4 while the modem is in use.

If your system supports two physical serial ports, the port assignments have Com 1 and Com 3 sharing the same physical connection. Com 2 and Com 4 also share the same physical serial port. While an internal modem will not share the same physical connection, the same principle applies. If your modem is set to Com 2, while it is in use Com 4 devices cannot be used.

If you have a fax modem or Windows® CE device (PDA) installed on your system, this may prevent Photo Secretary from communicating with your camera. Please refer to your third party device documentation in order to free a Com port for use by Photo Secretary.

Some new PC's ship with the COM ports switched off in the system BIOS. This is most common in laptops with built in modems. Please check your system documentation in order to change the BIOS settings, or contact your PC supplier if you are still unable to establish communication with your camera.

If you are unable to resolve a problem, please contact the Nikon Service facility located in your area. Please print a system summary from the device manager before placing the call, as the support engineer will require information from this report in order to assist you.

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Nikon**ファインダースクリーン EC-E型
(F5カメラ用)**

このたびは、ニコンファインダースクリーンEC-E型をお買い上げいただきありがとうございます。このファインダースクリーンは、EC-B型に方眼を入れた方眼マット式スクリーンで、撮影の際の構図決定に役立ちます。また、スクリーン上には5つのフォーカスエリア表示を備えており、選択されているフォーカスエリアが濃く表示されるため、位置確認が容易です。なお、EC-Eスクリーン使用時の装着レンズごとの見え方、露出補正量はEC-Bスクリーンと同じです。

Type EC-E Focusing Screen (for F5)

Thank you for purchasing the type EC-E focusing screen. The EC-E is a matte field focusing screen with etched horizontal and vertical lines added to a type EC-B focusing screen to aid you when composing a picture. Five focus brackets are provided and selected focus brackets are displayed darker for easy confirmation. In combination with various lenses, the EC-E screen has the same focusing status and required degree of exposure compensation as the EC-B focusing screen.

EC-E Einstellscheibe für F5

Die Ausstattung dieser Mattfeld Einstellscheibe entspricht der EC-B Scheibe. Darüberhinaus bietet sie zur besseren Motivgestaltung horizontale und vertikale Linien. Die fünf zusätzlichen Fokussierfelder erleichtern das Fotografieren bei AF Betrieb. Das jeweils angewählte AF Feld erscheint dunkler als die anderen, dadurch wird leicht erkennbar, in welchem Motivbereich der Autofokus aktiv ist. Die für verschiedene Objektive erforderliche Belichtungskorrektur ist mit der Einstellscheibe EC-B identisch.

**Verre de visée de type EC-E
(pour F5)**

Merci d'avoir porté votre choix sur le verre de visée EC-E. Le EC-E est un verre de visée à dépoli et lignes horizontales et verticales gravées ajoutés à un verre de visée de type EC-B pour vous aider à composer l'image. Cinq repères de mise au point sont prévus et les repères sélectionnés sont assombris pour faciliter la confirmation. Combiné à différents objectifs, le verre EC-E a le même statut de mise au point et degré requis de compensation d'exposition que le verre de visée EC-B.

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Pantalla de enfoque de tipo EC-E (para F5)

Muchas gracias por su compra de la pantalla de enfoque de tipo EC-E. La EC-E es una pantalla de enfoque con un campo mate con líneas horizontales y verticales grabadas, agregadas a una pantalla de enfoque de tipo EC-B para ayudarle a componer una imagen. Hay cinco niveles de enfoque y los niveles de enfoque seleccionados aparecen más oscuros para confirmarlos fácilmente. En combinación con distintos objetivos, la pantalla EC-E tiene el mismo estado de enfoque y el grado de compensación de exposición necesario que la pantalla de enfoque EC-B.

EC-E型對焦屏（供F5相機）

多謝閣下選購尼康的EC-E型對焦屏。此對焦磨砂屏是以在EC-B型對焦屏上加刻橫向及豎向線條以幫助構圖。此對焦屏備有5個對焦框可供選擇，被選的對焦框將會呈現黑色以便確認對焦。與各種鏡頭配合使用時的對焦狀態和所需的曝光補償度與EC-B對焦屏相同。

EC-E型对焦屏（供F5相机）

多谢阁下选购尼康的EC-E型对焦屏。此对焦磨砂屏是以在EC-B型对焦屏上加刻横向及竖向线条以帮助构图。此对焦屏备有5个对焦框可供选择，被选的对焦框将会呈现黑色以便确认对焦。与各种镜头配合使用时的对焦状态和所需的曝光补偿度与EC-B对焦屏相同。

アンティフォグ ファインダーアイピースDK-14/DK-15

このたびは、ニコンアンティフォグ ファインダーアイピースをお買い上げいただき、ありがとうございます。このアイピースは表面に特殊加工を施した透明なプラスチック板を使用しており、カメラのファインダー接眼部に装着することでくもりの発生を防止します。

くもり防止は以下のような場合に効果を発揮します。

- ・ 気温が低い場所での撮影にて、息などでファインダーにくもりが生じる場合
- ・ 高温多湿の場所の撮影にて、発汗による水蒸気などでくもりが生じる場合

くもり防止効果を保つため、ご使用に際しては注意事項を必ずお守りください。この使用説明書に記載されていない方法でのご使用は、損傷の原因となります。

●使用可能なカメラ

DK-14 : F5、F4シリーズ、F3HP、F3T、F3P

DK-15 : F100、F90Xシリーズ、F90シリーズ、F-801s、F-801、D1

●アンティフォグ ファインダーアイピースの着脱方法

1. カメラのファインダー接眼部にねじ込まれて固定されている付属アイピースを外します。
2. アンティフォグ ファインダーアイピースを付属アイピースと同様にしっかりとねじ込んで固定します。

※ 使用条件等により、ファインダーゴースト等が発生することがありますが、撮影への影響はありません。

●使用上の注意

- ・ 透明なプラスチック板に指などが触れないようにしてください。
- ・ 雨や雪の中で使用する場合には、雨粒や雪などがプラスチック板に直接当たらないようにご注意ください。
- ・ プラスチック板にゴミやホコリ、水滴、雪などが付着した場合は、ブローアードで吹き払ってください。水分が残っている時はティッシュ等を軽く当てて、擦らずに水分を吸い取ってください。
- ・ 万一プラスチック板に指紋などの汚れが付着した場合や、過度の湿気によりくもりが発生した場合は、セーム革等の乾いた柔らかい布で軽く拭き取ってください。強く拭くと傷がつくことがありますのでご注意ください。
- ・ 透明なプラスチック板に傷が付いた場合、若干見えが低下しますが、くもり防止効果には影響ありません。
- ・ ストーブなど極端に温度が高いものに近づけたり、高温となる車内等に放置したりすると変形する場合がありますのでご注意ください。
- ・ 極端な低温、高温多湿の環境下では、十分なくもり防止効果が得られないことがあります。
- ・ 拭き取りだけでは汚れが取れない場合は、下記に注意してクリーニングを行ってください。
 - ※ 柔らかい清潔な布に市販のレンズクリーナーを少量湿らせ、力を入れずに軽く拭いてください。
 - ※ ドライヤー等による加熱乾燥は行わないでください。
 - ※ 頻繁に拭き取りを行うとくもり防止効果が低下することがありますのでご注意ください。
- ・ 汚れが残った状態でもくもり防止効果には影響ありません。

Nikon

Oculare del Mirino Antiappannamento DK-14/DK-15

Vi ringraziamo per aver acquistato l'Oculare del Mirino Antiappannamento. Questo mirino possiede una piastra di plastica trasparente con un rivestimento speciale della superficie che riduce l'appannamento dell'oculare.

L'appannamento può essere ridotto nei casi seguenti:

- A basse temperature, quando il mirino si appanna a causa della condensazione del respiro del fotografo o per altri motivi.
- Ad alte temperature ed in luoghi molto umidi, quando il mirino si appanna a causa di vapori provenienti dal sudore del fotografo o per altri motivi.

Per mantenere l'efficacia di questo prodotto, assicuratevi di seguire attentamente le note di cui sotto. L'utilizzo dell'oculare in casi al di fuori di quelli descritti nelle note di cui sotto, può essere causa di guasti.

Macchine fotografiche utilizzabili

DK-14: F5, F4-series, F3HP, F3T, F3P

DK-15: F100, F90X, F90-series, F-801s, F-801, D1

Fissaggio dell'Oculare del Mirino Antiappannamento

1. Staccare l'oculare in dotazione dal corpo principale della macchina fotografica.
2. Fissare l'Oculare del Mirino Antiappannamento avvitandolo saldamente, nella stessa maniera in cui era stato avvitato l'oculare in dotazione.

* In alcuni casi, l'immagine può apparire leggermente confusa, ma ciò non ha ripercussioni sulla qualità finale dell'immagine fotografata.

Note

- Non toccare la piastra di plastica trasparente dell'oculare direttamente con le vostre dita.
- Fare attenzione affinché neve o pioggia non venga a contatto diretto con la piastra di plastica.
- Utilizzare una spazzola a soffio per rimuovere polvere, gocce d'acqua o neve dalla piastra di plastica. Se vi è un residuo di umidità sulla piastra di plastica, asciugare tale residuo con un fazzoletto di carta. In tal caso, fare attenzione affinché il fazzoletto non venga a contatto con la piastra di plastica.
- Se la piastra di plastica viene macchiata da impronte digitali o appannata da eccessiva umidità atmosferica, pulirla leggermente con un panno di pelle scamosciata. Fare attenzione a non strofinare fortemente la piastra di plastica in quanto ciò potrebbe graffiarne la superficie.
- L'effetto antiappannamento non diminuisce con il tempo, ma l'immagine del mirino può deteriorarsi in qualità, se la piastra di plastica viene graffiata.
- L'oculare può deformarsi se lasciato in luoghi a temperature estremamente alte; per esempio vicino a riscaldatori d'aria o in una macchina sotto la luce solare diretta.
- In caso di temperature eccessivamente alte o umidità eccessiva, l'appannamento dell'oculare non può essere prevenuto completamente.
- Se una smacchiatura sulla piastra di plastica non può essere rimossa strofinandoci sopra, pulirla facendo attenzione ai punti seguenti:
 - * Pulire l'oculare gentilmente, usando un panno soffice ed uno smacchiatore per obiettivi.
 - * Non asciugare l'oculare usando fonti di calore quali il fon.
 - * Lo strofinamento della piastra di plastica può occasionalmente essere causa di deterioramento nell'efficacia dell'effetto antiappannamento.
- Le smacchiature sulla piastra di plastica non hanno effetto sull'efficacia della capacità antiappannamento dell'oculare.

Nikon

Lentilla anti-vaho DK-14/DK-15

Muchas gracias por su compra del ocular del visor antiniebla de Nikon. Este ocular tiene una placa de plástico transparente con un revestimiento de superficie especial que reduce la niebla en el ocular.

Se puede reducir la niebla bajo las siguientes condiciones:

- A bajas temperaturas, cuando hay niebla en el visor por la condensación de la respiración del fotógrafo, u otras causas.
- A altas temperaturas y humedad, cuando hay niebla en el visor por el vapor de la transpiración del fotógrafo u otras causas.

Para mantener este producto en condiciones efectivas, respete las notas que se dan a continuación. El uso del ocular de formas no descritas en estas notas puede dañarlo.

Cámaras en las que puede utilizar

DK-14: F5, serie F4, F3HP, F3T, F3P

DK-15: F100, F90X/N90s*, serie F90/N90*, F-801s/N8008s*, F-801/N8008*, D1

* Las Nikon N90s, N90, N8008s y N8008 se vende exclusivamente en el mercado de EE.UU.

Instalación del ocular del visor antiniebla

1. Desmonte el ocular suministrado con el cuerpo de la cámara.
2. Instale el ocular del visor antiniebla enroscando firmemente, de la misma forma que el ocular suministrado.

* Bajo determinadas circunstancias, puede aparecer una imagen borrosa pero esto no afectará la imagen real.

Notas

- No toque la placa de plástico transparente del ocular con sus dedos.
- Tenga cuidado de no permitir que la nieve o las gotas de lluvia caigan directamente sobre la placa de plástico.
- Utilice un cepillo con soplador para limpiar el polvo, gotas de lluvia o nieve de la placa de plástico. Si queda humedad en la placa de plástico, seque, tocando y empapando la humedad con un pedazo de papel tisú. No frote la placa de plástico para secarlo.
- Si la placa de plástico tiene manchas de huellas dactilares o hay niebla debido a la existencia de gran humedad, frote suavemente con un paño suave como de gamuza. Frote suavemente ya que si lo hace con fuerza, la superficie de la placa de plástico puede tener rayas.
- El efecto de antiniebla no desaparece con el tiempo pero la imagen del visor puede verse peor si la placa de plástico está rayada.
- El ocupar puede deformarse si lo deja expuesto a temperaturas muy altas, por ejemplo cerca de la calefacción o en el interior de un coche bajo los rayos directos del sol.
- Cuando se expone a extremos de temperatura o gran humedad, puede no eliminarse completamente la niebla.
- Si no puede limpiar las manchas en la placa de plástico aunque lo frote, limpie teniendo en cuenta los siguientes puntos:
 - * Frote suavemente el ocular con un paño suave limpio y un limpiador de lentes.
 - * No seque el ocular con calor, por ejemplo un secador de cabellos.
 - * Tenga en cuenta que cuando se frota la placa de plástico, a veces puede deteriorar el efecto antiniebla.
- Las manchas en la placa de plástico no afectan la capacidad antiniebla del ocular.

Nikon

Antifog Finder Eyepiece DK-14/DK-15

Thank you for purchasing the Nikon Antifog Finder Eyepiece. This eyepiece features a transparent plastic plate with a special surface coating which reduces fogging on the eyepiece.

Fogging can be reduced under the following conditions:

- In low temperatures, when the finder becomes foggy due to condensation from the photographer's breath or other causes.
- In high temperatures and humidity, when the finder becomes foggy due to steam from the photographer's perspiration or other causes.

To maintain the effectiveness of this product, be sure to follow the notes below. Use of the eyepiece in any way not described in these notes may cause damage.

Usable Cameras

DK-14: F5, F4-series, F3HP, F3T, F3P

DK-15: F100, F90X/N90s*, F90-series/N90*, F-801s/N8008s*, F-801/N8008*, D1

* The Nikon N90s, N90, N8008s, N8008 are sold exclusively in the U.S.A.

Attaching Antifog Finder Eyepiece

1. Detach the supplied eyepiece from the camera body.
2. Attach the Antifog Finder Eyepiece by screwing it in firmly, in the same way as the supplied eyepiece.

* Under some circumstances, image blur may occur but it does not affect the actual picture image.

Notes

- Do not touch the transparent plastic plate of the eyepiece with your fingers.
- Be careful not to let snow or raindrops fall directly onto the plastic plate.
- Use a blower brush to clean any dust, raindrops or snow from the plastic plate. If moisture remains on the plastic plate, dry it by touching the moisture with a piece of tissue. When doing so, make sure not to wipe the plastic plate.
- If the plastic plate becomes stained with fingerprints or fogged from very high humidity, wipe it gently with a soft cloth such as chamois. Make sure you wipe it gently as strongly wiping the plastic plate may cause scratches on the surface.
- The anti-fogging effect does not deteriorate but the finder image somewhat deteriorates if the plastic plate becomes scratched.
- The eyepiece may become deformed if it is left in extremely high temperatures such as near a heater or inside a car in direct sunlight.
- In extreme temperatures or very high humidity, fogging may not be prevented completely.
- If a stain on the plastic plate cannot be removed by wiping, clean it noting the following points:
 - * Wipe the eyepiece gently using a clean soft cloth and a lens cleaner.
 - * Do not dry the eyepiece using heat, such as with a hairdryer.
 - * Note that wiping the plastic plate occasionally may cause the anti-fogging effect to deteriorate.
- Stains on the plastic plate do not affect the anti-fogging capability of the eyepiece.

Nikon

Beschlagfreies Sucherokular DK-14/DK-15

Durch die Verwendung eines speziell beschichteten Kunststoffes wird bei diesen Sucherokularen das Beschlagen reduziert.

Unter folgenden Bedingungen kommt dieser wichtige Vorteil zum Tragen:

- Bei niedrigen Temperaturen, wenn ein herkömmliches Okular durch den Atem des Fotografen beschlägt und bei hohen Temperaturen und hoher Luftfeuchtigkeit.

Bitte lesen diese Anleitung, damit Sie das Okular optimal nutzen können. Bitte beachten Sie die Reinigungshinweise.

Geeignete Kameras:

DK-14: F5, F4 Serie, F3HP, F3T, F3P

DK-15: F100, F90X, F90 Serie, F-801s, F-801, D1

Anbringen des Sucherokulars

Entfernen Sie bitte das mitgelieferte Okular von der Kamera und schrauben Sie das Anti-Beschlag Okular sicher ein.

- * Unter bestimmten Voraussetzungen kann das Sucherbild unscharf erscheinen; dies hat jedoch keine Auswirkung auf die Aufnahme.

Wichtige Hinweise

- Berühren Sie nicht die transparente Oberfläche des Okulars.
- Vermeiden Sie möglichst Nässe auf dem Okular.
- Zum Reinigen gehen Sie bitte wie folgt vor:
Entfernen Sie Staub mit einem Blasepinsel und entfernen Sie Nässe durch Tupfen mit einem weichen sauberen Tuch. Bitte gehen Sie behutsam vor, um die Oberfläche nicht zu beschädigen.
- Wischen Sie bitte Fingerabdrücke und anderen Belag ebenfalls mit einem weichen und sauberen Tuch ab. Vermeiden Sie dabei starken Druck, der zu Kratzern führen kann.
- Bei Kratzern verschlechtert sich zwar das Sucherbild, die Antibeschlagwirkung bleibt aber erhalten.
- Schützen Sie das Okular bitte vor zu hoher Temperatur. Denken Sie auch daran, daß Temperaturen in einem in der Sonne abgestellten Fahrzeug besonders stark ansteigen können.
- Bei sehr hohen Temperaturen und sehr hoher Luftfeuchtigkeit ist keine vollständige Antibeschlagwirkung möglich.
- Besonders hartnäckige Verschmutzungen beseitigen Sie bitte wie folgt:
 - * Reinigen Sie das Okular vorsichtig mit einem sauberen weichen Tuch und Linsenreiniger.
 - * Lassen Sie das Okular an der Luft trocknen. Auf keinen Fall einen Haartrockner zum Trocknen benutzen.
 - * Zu häufiges Reinigen kann die Antibeschlagwirkung einschränken.
- Verschmutzungen auf der Kunststoffplatte haben keinen Effekt auf die Antibeschlagwirkung.

Nikon

Verre protecteur d'oculaire antibuée DK-14/DK-15

Merci d'avoir porté votre choix sur l'oculaire de viseur anti-voile Nikon. Cet oculaire se présente sous forme de plaque en plastique transparent, à revêtement de surface spécial réduisant le voile de l'oculaire.

Le voile peut être réduit dans les conditions suivantes:

- A basses températures, quand le viseur est voilé à cause de la condensation due à la respiration du photographe ou à d'autres causes.
- A hautes température et humidité, quand le viseur est voilé par la vapeur due à la respiration du photographe ou à d'autres causes.

Pour maintenir l'efficacité de ce produit, respectez les notes ci-dessous. L'emploi de l'oculaire de toute autre manière risquerait de l'endommager.

Appareils sur lequel il est utilisable

DK-14: F5, série F4, F3HP, F3T, F3P

DK-15: F100, F90X, série F90, F-801s, F-801, D1

Fixation de l'oculaire de viseur anti-voile

1. Retirez l'oculaire fourni avec l'appareil.
2. Montez l'oculaire de viseur anti-voile en le vissant fermement, comme l'oculaire fourni.

* L'image peut parfois être floue, mais cela n'affecte pas l'image réelle.

Remarques

- Ne touchez pas la plaque en plastique transparent de l'oculaire avec les doigts.
- Evitez le contact direct de la plaque en plastique avec la neige ou la pluie.
- Utilisez une poire soufflante pour éliminer la poussière, les gouttes de pluie ou la neige de la plaque en plastique. Si de l'humidité reste dessus, éliminez-la complètement en appuyant un chiffon contre la plaque, mais sans l'essuyer.
- Si la plaque en plastique est tachée par des traces de doigt ou voilée par une très forte humidité, essuyez-la doucement avec un chiffon doux, du chamois par exemple. Essuyez doucement, sinon la surface de la plaque pourrait être rayée.
- L'effet anti-voile ne se détériore pas, mais l'image du viseur peut être légèrement détériorée si la plaque en plastique est rayée.
- L'oculaire peut être déformé s'il est laissé à température très élevée, près d'un appareil de chauffage ou dans une voiture en plein soleil par exemple.
- A températures extrêmes ou à très forte humidité, le voilage peut ne pas être entièrement évité.
- Si les taches sur la plaque en plastique ne peuvent pas être éliminées en les essuyant, nettoyez en notant les points suivants:
 - * Essuyez doucement l'oculaire avec un chiffon doux propre et du produit de nettoyage pour lentille.
 - * Ne séchez pas l'oculaire à la chaleur, avec un séchoir à cheveux par exemple.
 - * Notez qu'essuyer la plaque en plastique de temps à autre peut détériorer l'effet anti-voile.
- Les taches sur la plaque en plastique n'affectent pas la capacité anti-voile de l'oculaire.

(Your address)



BUSINESS REPLY MAIL

NIKON PHOTO SECRETARY REGISTRATION

*

*In this space, please write the address of your nearest Nikon service facility, listed on the enclosed "NIKON SERVICE FACILITIES" page.

Dear Nikon Customer:

Please take a moment to complete the following information and mail immediately. This will register your Nikon Photo Secretary software and will allow us to contact you with any future announcements.

Thank you.

Nikon Corporation

Name: _____

Address: _____

City: _____ Country: _____ Postal code: _____

Telephone #: _____

Cameras Owned: _____

Photo Status: Pro: _____ Advanced: _____ Amateur: _____ Beginner: _____

Product name: (please tick the one you have)

Photo Secretary for F5 for Windows®

Photo Secretary for F5 for Macintosh®

Photo Secretary II for F100 for Windows®

Photo Secretary for F90X/F90 for Windows®

Serial #: E (indicated on one of the enclosed floppy disks or the CD-ROM case)

Version #: _____ (included in Help menu)

Mac: _____ PC: _____

Windows® is a registered trademark of Microsoft Corporation, USA.
Macintosh® is a registered trademark of Apple Computer Inc., USA.

FOREWORD

Thank you for purchasing Nikon Photo Secretary II for F100 (AC-2WE). This software is easy to use, but requires familiarity with basic Windows® operations and functions, including: handling of folders, windows, menus, the clipboard, and general mouse and keyboard techniques. If you are not familiar with these operations, please refer to your "Microsoft Windows Help".

Nikon Photo Secretary II is programmed to allow you to:

- Design customized settings on the F100 camera.
- Download shooting data directly from the F100, F90/F90X (N90/N90s) or F5 camera to your personal computer.
- Edit shooting data downloaded from the camera to a personal computer, and link it to image data loaded from a scanner or Photo CD.
- Use the extensive on-line help system.

* Microsoft, Windows and Windows NT are registered trademarks or trademarks of Microsoft Corporation in the USA and/or other countries.

* Photo CD is a registered trademark of Eastman Kodak Company.

* Nikon Corporation holds the copyrights of all sample image data appearing in this software.

* All other trademarks are the property of their respective owners.

Paste the provided serial number seal here.
--

FOREWORD

Configurations

Make sure the following items are provided:

- One CD-ROM with installer
- Instruction manual
- Registration card
- License agreement
- One serial number seal; paste it on page 3 of this manual.

System Requirements for Installing Nikon Photo Secretary II

Minimum PC System Requirements

To use Photo Secretary II, your computer system must be equipped with the following peripheral equipment and software:

Hardware:

- Personal computer compatible with Microsoft Windows® 95, Windows® 98, Windows NT® Workstation
- 16 MB or more memory for Windows® 95/98 (32 MB or more recommended for optimum performance); 24 MB or more memory for Windows NT® (48 MB or more recommended for optimum performance)
- 10 MB or more free memory (100 MB or more recommended for optimum performance) on the hard disk
- CD-ROM drive (for installation)
- Available external RS-232C serial port (COM1-COM4)
- Nikon Personal Computer Connecting Card MC-33 or MC-31 (optional)
 - The MC-33 is for 9-pin serial port (Dsub-9); the MC-31 for 25-pin serial port (Dsub-25).
 - The MC-33 or MC-31 is always required to connect the F100 camera to a personal computer.
 - To connect the F90/F90X (N90/N90s) camera to a personal computer, use the MC-31.
 - To connect the F5 camera to a personal computer, use the MC-33.
 - If the MC-33 or MC-31 does not match your computer's RS-232C serial port, use the appropriate optional serial port convertible adapter.

Software:

- Microsoft Windows® 95, Windows® 98, or Windows NT® Workstation 4.0.

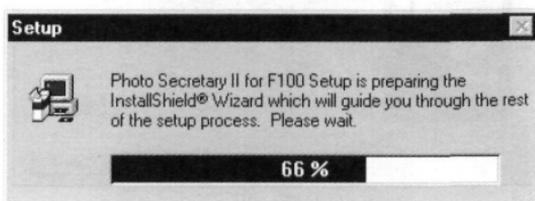
WELCOME TO NIKON PHOTO SECRETARY II

Before Installing Photo Secretary II on Your Personal Computer

Check the distribution CD-ROM for any late-breaking news or additions to this instruction manual. If it contains updated information or corrections, the information will appear in a file named "readme.txt". The readme.txt file is an ASCII text file that can be read using WordPad (select File Type ".txt" in WordPad) or Notepad. Information in this file, will supersede or correct information contained in this instruction manual.

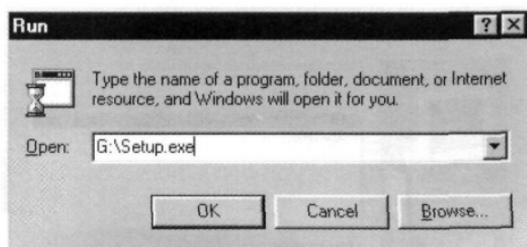
Installing Nikon Photo Secretary II

1. With the desktop of Windows® 95, Windows®98 or Windows NT® Workstation 4.0 displayed, insert the CD-ROM in the CD-ROM drive.
2. With the Auto Run function, installation will automatically start. (Fig. 1)



(Fig. 1)

If installation does not start, choose "Run" from the Start menu, specify file name ("G:\Setup.exe" is specified in the example with the Drive G as the CD-ROM drive), then click "OK". (Fig. 2)

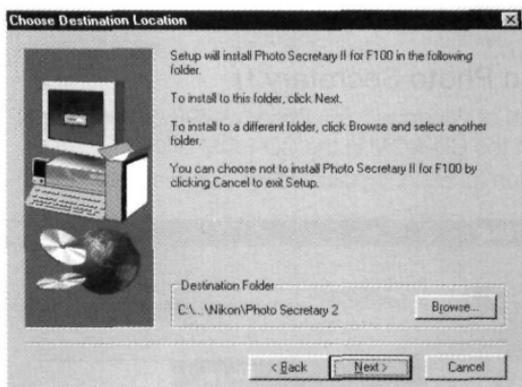


(Fig. 2)

Installation will start.

- With Windows NT® Workstation 4.0, only users in the Administrator Group can install this software. For details about user groups, see the instruction manual of Windows NT® Workstation 4.0.

3. The Choose Destination Location dialog box lets you select the folder where Photo Secretary II will be installed. If you want to change the folder, click “Browse” and select the desired folder. Follow the instructions on your screen. Click “Next” to continue the setup process.



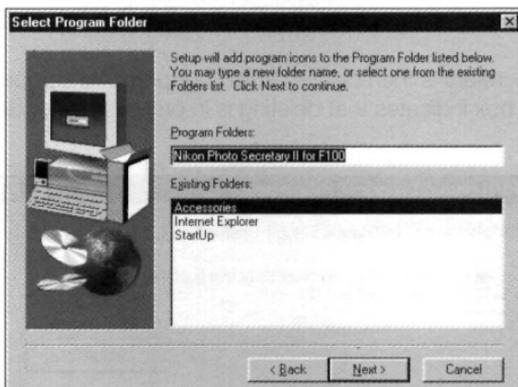
(Fig. 3)

4. The Setup Type dialog box lets you select “Program and sample” or “Program only”, then click “Next”.
- You need 40 MB or more free memory on your hard disk for “Program and sample” or 10 MB or more free memory for “Program only”.



(Fig. 4)

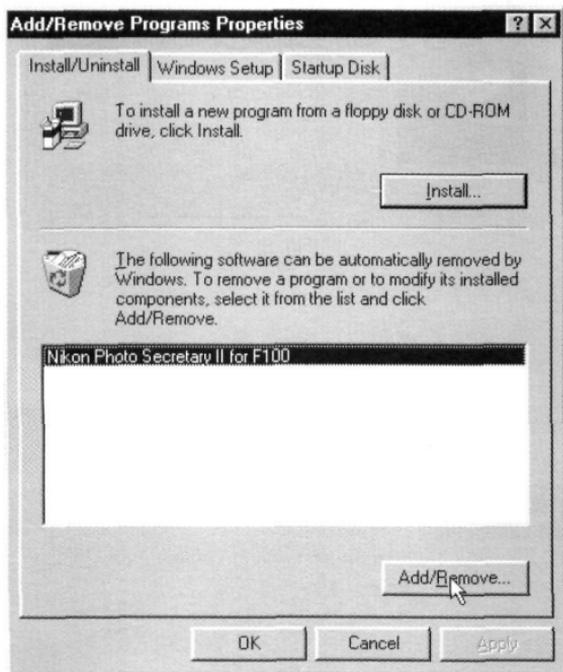
5. Select the program folder on the Select Program Folder dialog box (Fig. 5). Click "Next" to start copying files. When all necessary files have been copied, the Setup Complete dialog box will be displayed. Click "Finish" to complete the setup process.
- If you have updated the system file, you may have to restart the system.



(Fig. 5)

Deleting Nikon Photo Secretary II from Your Personal Computer

1. From the Start menu, select "Settings", then "Control Panel" to display the control panel.
2. Double-click the "Add/Remove Program" icon to activate the Add/Remove Program Properties dialog box. (Fig. 6)
3. On the dialog box, select "Nikon Photo Secretary II for F100" and click "Add/Remove Program" to activate the Confirm File Deletion message box. Click "Yes".
4. Nikon Photo Secretary is then deleted from your personal computer. The Remove Program dialog box indicates that deleting is in progress. After deleting is completed, click "OK".



(Fig. 6)

- A confirmation message box may ask you whether a share file (i.e., a file that may be used for Photo Secretary II and another maker's application program) can be deleted or not. Be careful when deleting a share file as doing so may affect other application programs.

Contents of Photo Secretary II

Nikon Photo Secretary II for F100 contains the following applications (Fig. 7):

- **Photo Secretary**

This is the main application of Nikon Photo Secretary II for F100. This manual uses the term “Photo Secretary” for this application. Photo Secretary lets you download shooting data from the camera to a personal computer, select Custom Settings options, and edit shooting data.

Used with Photo Finder, an image loading application, Photo Finder allows you to link the image data with the shooting data.

- **Photo Finder**

This is the image data loading application of Nikon Photo Secretary II for F100.

Photo Finder can be started up independently. However, in most cases, it is activated via Photo Secretary. Photo Finder allows you to load image data from a scanner or other equipment, or photo CD. The loaded image data can be edited and saved as files. (“Image List” and “Load Multiple Images” commands are available in Photo Secretary.)

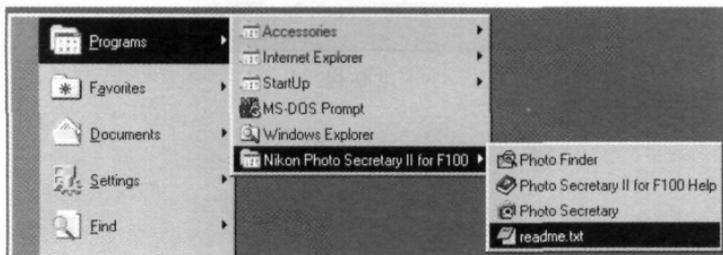
Photo Finder is started via the Photo Secretary when shooting data is linked to the image data. It sends information about the image to the Photo Secretary.

- **Nikon Photo Secretary II for F100 Help**

Shows instructions for using Photo Secretary II for F100, including basic operations.

- **“readme” File**

If the provided CD-ROM contains updated information or corrections, the information will appear in the readme file. The readme file can be read using WordPad (select File Type “.txt” in WordPad) or Notepad.



(Fig. 7)

Selecting a Communication Port

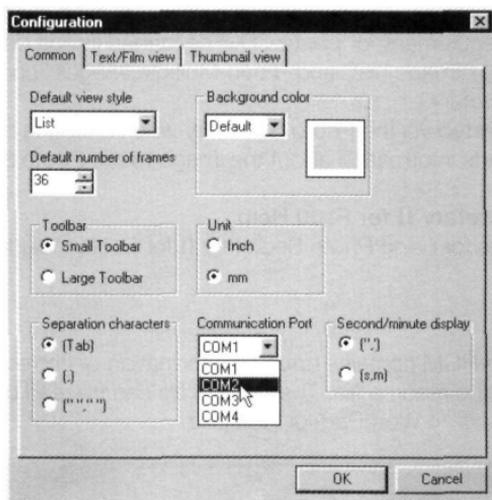
Select the RS-232C serial port to which you will connect the Personal Computer Connecting Cord MC-33 or MC-31.

1. Start the Photo Secretary application in Photo Secretary II for F100.
2. Click "Tool" and "Configuration".
3. Select the port to which you intend to connect the cord.

Photo Secretary supports COM1, COM2, COM3 and COM4 ports. Select a free COM port supported by your computer. If you are using an internal modem on COM1, then your serial port will be COM2, COM3 or COM4.

Fig. 8 shows Configuration dialog box.

- To confirm a free port, refer to your computer's instruction manual.



(Fig. 8)

Connecting the Camera to a Personal Computer with the F100

To connect the Nikon F100 camera to your personal computer, use only Nikon Personal Computer Connecting Cord MC-33 or MC-31. A data link cannot be established with any other connecting cord.

Connecting

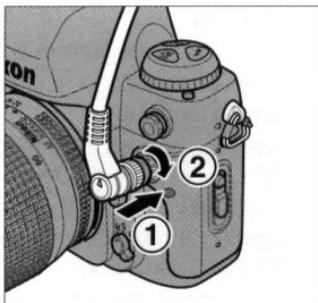
1. Turn off both the camera and personal computer.
2. Connect the MC-33 or MC-31 to the camera's 10-pin remote terminal.

Insert the cord's plug into the terminal with the "Δ" symbol pointing to the dot at the upper left of the terminal, then turn the lock screw as far as it will go. (Fig. 9)

3. Connect the MC-33 or MC-31 to the personal computer's RS-232C serial port.

Match the shape of the cord's connector with the personal computer's terminal, then push it in and tighten the two screws on the plug.

4. Turn the computer on, start Windows®, then turn the camera on.



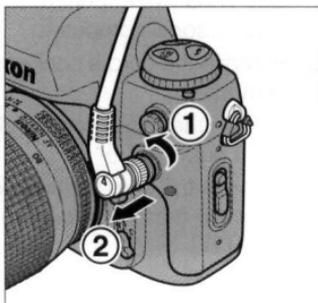
(Fig. 9)

Disconnecting

1. Quit Windows®, then turn off both the camera and personal computer.
2. Remove the cord's connector from the personal computer.

Loosen the two screws on the connector, then pull it out.

3. Remove the cord's plug from the camera body. Unscrew the lock ring, then unplug the cord. (Fig. 10)



(Fig. 10)

Connecting the Camera to a Personal Computer with the F5

To connect the Nikon F5 camera to your personal computer, use only Nikon Personal Computer Connecting Cord MC-33. A data link cannot be established with any other connecting cord.

Connecting

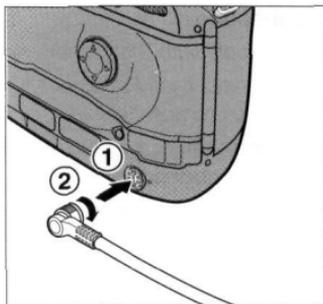
1. Turn off both the camera and personal computer.
2. Connect the MC-33 to the camera's 10-pin remote terminal.

Insert the cord's plug into the terminal with the "Δ" symbol pointing to the right, then turn the lock screw as far as it will go. (Fig. 11)

3. Connect the MC-33 to the personal computer's RS-232C serial port.

Match the shape of the cord's connector with the personal computer's terminal, then push it in and tighten the two screws on the plug.

4. Turn the computer on, start Windows®, then turn the camera on.



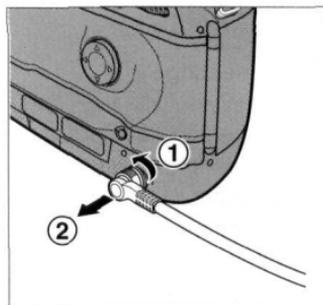
(Fig. 11)

Disconnecting

1. Quit Windows®, then switch off both the camera and personal computer.
2. Remove the cord's connector from the personal computer.

Loosen the two screws on the connector, then pull it out.

3. Remove the cord's plug from the camera body. Unscrew the lock ring, then unplug the cord. (Fig. 12)



(Fig. 12)

Connecting the Camera to a Personal Computer with the F90/F90X (N90/N90s)

To connect the Nikon F90/F90X (N90/N90s) camera to your personal computer, you must use Nikon Personal Computer Connecting Cord MC-31. You cannot establish a data link with any other connecting cord.

Connecting

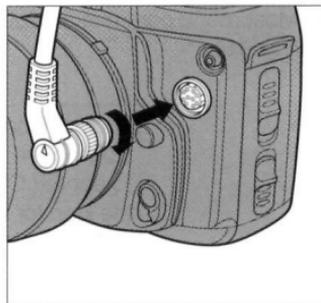
1. Turn the camera and personal computer off.
2. Connect the MC-31 to the camera's 10-pin remote terminal.

Insert the cord's plug into the terminal with the "Δ" symbol pointing up, then turn the lock screw as far as it will go. (Fig. 13)

3. Connect the MC-31 to the personal computer's RS-232C serial port.

Match the shape of the cord's connector with the personal computer's terminal, then push it in and tighten the two screws on the plug.

4. Turn the computer on, start Windows®, then turn the camera on.



(Fig. 13)

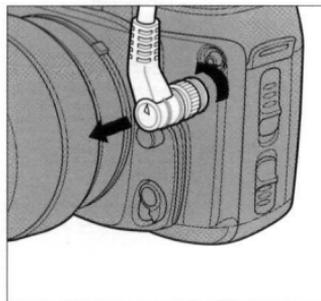
Disconnecting

1. Quit Windows®, then switch off both camera and personal computer.
2. Remove the cord's connector from the personal computer.

Loosen the two screws on the connector, then pull it out.

3. Remove the cord's plug from the camera body. Unscrew the lock ring, then unplug the cord.

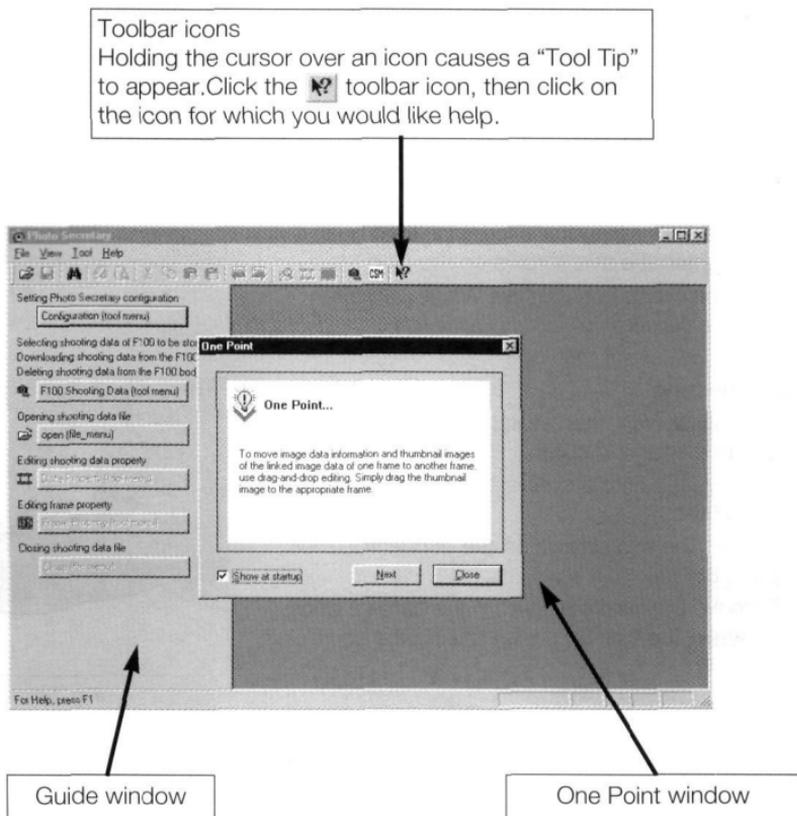
(Fig. 14)



(Fig. 14)

Photo Secretary II Functions

- All functions can be accessed via pull-down menus. The Menu Bar and menu options will change to match the active operation. Unavailable functions will appear “dimmed” or not at all. Most functions can also be accessed via the Toolbar buttons.
- Most menu commands, options and functions can be found with the Help function (Fig. 15)



(Fig. 15)

Toolbar Icons

Toolbar icons in Photo Secretary main window

	Open		Previous View Style
	Save		Next View Style
	Find		Edit Image
	Print		Data Property
	Print Preview		Frame Property
	Cut		F100 Shooting Data
	Copy		F100 Custom Setting
	Paste Data		Help
	Paste Image		

Toolbar icons in Photo Finder main window

	Open		Zoom In
	Save		Zoom Out
	Print		Left Rotate
	Copy		Right Rotate
	Paste		Help

Using the “One Point” Function

For the factory-set default setting, Photo Secretary displays a One Point window after startup. This window shows a brief explanation of Photo Secretary operations and functions. Clicking the “Next” button displays the explanation for the next topic. When the “Show at startup” box is checked, the One Point window is always displayed when Photo Secretary is started. To cancel the One Point window, uncheck the “Show at startup” box, quit the application and restart. To display the One Point window again, select “Help” then click “One Point”.

- With the One Point window displayed, you cannot operate Photo Secretary on the other windows. For other window operations, close the One Point window.

Using the Guide Window

The guide window shows brief instructions with icons on how to operate Photo Secretary correctly.

1. From the Start menu, click [Programs]-[Nikon Photo Secretary II for F100]-[Photo Secretary] to start the Photo Secretary application.
 2. To display the Guide window, click [View]-[Guide] so that a check mark is shown at the left side of the “Guide” command.
 3. Clicking the icons on the Guide window activate the window for corresponding functions.
 4. To hide the Guide window, click [View]-[Guide] so that a check mark beside the “Guide” command disappears.
- Use the “Help” function to see how to operate or use the activated window.

Using the “Help” Function

To open Photo Secretary II Help, select “Programs” from the Start menu, select “Nikon Photo Secretary II for F100” then click “Photo Secretary II for F100 Help”. Photo Secretary II Help shows you the basic operations of Nikon Photo Secretary II for F100. The Help menu offers the help commands shown below. To see a help message while the Photo Secretary is running, press the F1 key.

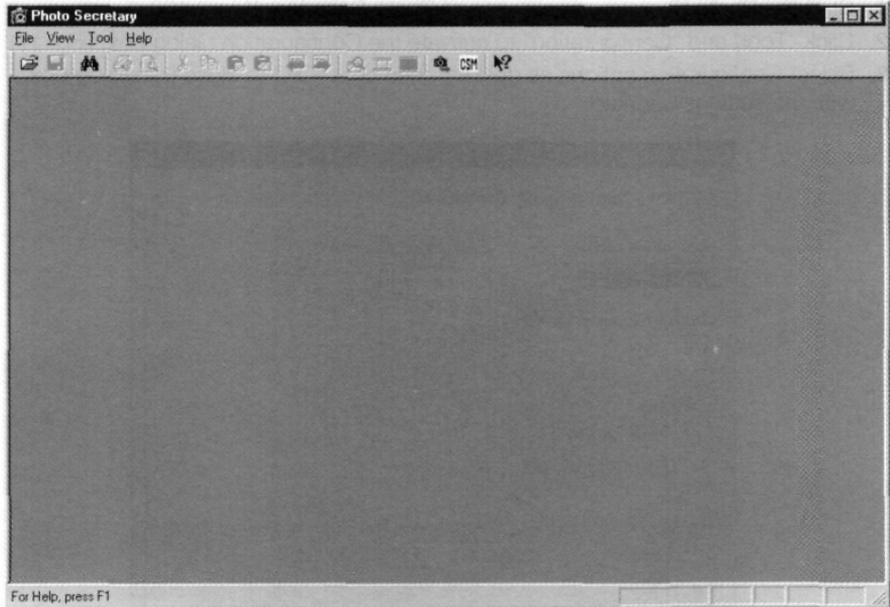
The Help menu offers:

- Help Topics
 - Contents: Displays contents of “Help”.
 - Index: Searches information by category.
 - Find: Finds items for which you want to see help messages (based on keywords you specify).
- About Photo Secretary
 - Displays the version number of your Photo Secretary application.

STARTING AND USING PHOTO SECRETARY

Photo Secretary allows you to select Custom Settings options, download shooting data from the camera, and edit shooting data.

To start Photo Secretary, select "Programs" from the start menu, and click "Nikon Photo Secretary II for F100" then "Photo Secretary". (Fig. 16)

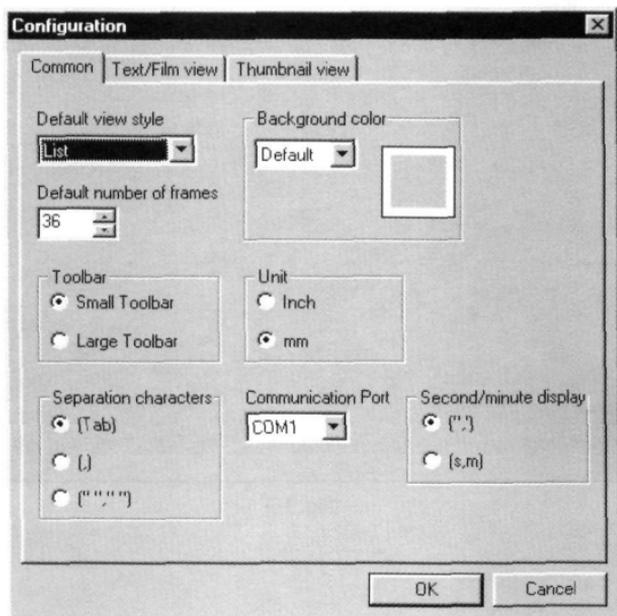


(Fig. 16)

Configuration

With the Configuration dialog box, you can set default settings for Photo Secretary operation. Configuration options can be set with the connected camera body turned off.

1. Start the Photo Secretary application of Photo Secretary II for F100.
2. Click "Tool" and "Configuration" to activate the Configuration dialog box. (Fig. 17)
3. Select Configuration options as desired, then click "OK" to close the dialog box with the settings updated.



(Fig. 17)

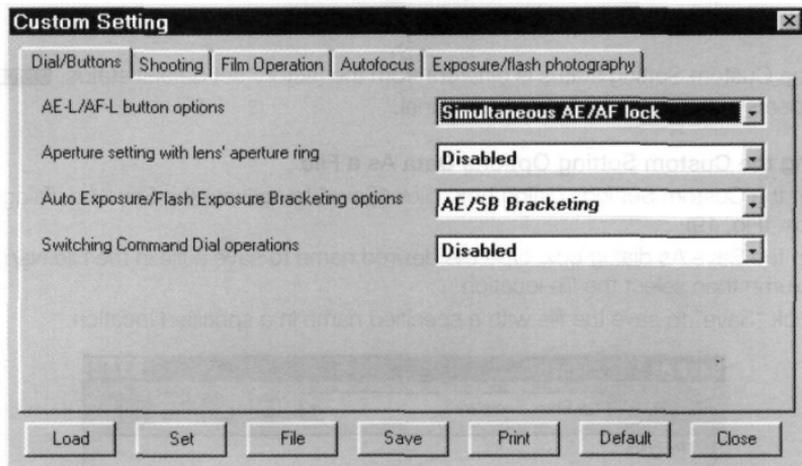
For details, see the help message for the Configuration dialog box.

F100's Custom Setting

You can set the Custom Setting options for the F100 camera via your personal computer. You can also create Custom Setting files and print the file contents.

Accessing the Custom Setting Dialog Box

1. Using the MC-33 or MC-31 cord, connect the F100 camera to a personal computer.
2. Turn on both the camera and personal computer.
3. Start Photo Secretary, click "Tool" and "F100 Custom Setting" to activate the Custom Setting dialog box. (Fig. 18)



(Fig. 18)

The Custom Setting dialog box allows you to:

- Load the Custom Setting options data from the F100 camera.
- Set Custom Setting options on the F100 camera.
- Save the Custom Setting options as a file, or read the Custom Setting options data from an existing file.
- Print the contents of the Custom Setting options.

Loading/Setting Custom Setting Options

1. On the Custom Setting dialog box, click "Load" to load the Custom Setting option data from the F100 camera body. The loaded data updates the dialog box contents.
 2. Five tabs are provided with the Custom Setting dialog box: "Dial/Buttons", "Shooting", "Film Operation", "Autofocus" and "Exposure/Flash photography". They can be selected by clicking on their respective tabs.
 - For details see the help message for the Custom Setting dialog box.
 - Click "Default" to reset the Custom Setting options in the dialog box to the factory-set default status.
 3. Select desired options on each tab, then click "Set" to set the Custom Setting options you have selected on the F100 camera body.
- If the Custom Setting status is different from the factory-set default status, **CUSTOM** appears in the F100 camera's LCD panel.

Saving the Custom Setting Options Data As a File

1. On the Custom Settings dialog box, click "Save" to activate the Save As dialog box. (Fig. 19)
2. On the Save As dialog box, type the desired name to save a file in the File Name column then select the file location.
3. Click "Save" to save the file with a specified name in a specified location.

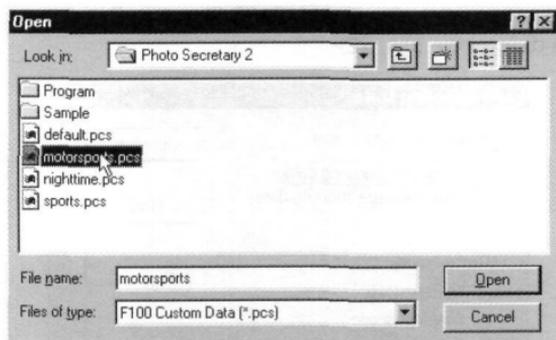


(Fig. 19)

- If you specify the existing file name and location, the new data will replace the old data.

Loading the Custom Setting Option Data from an Existing File

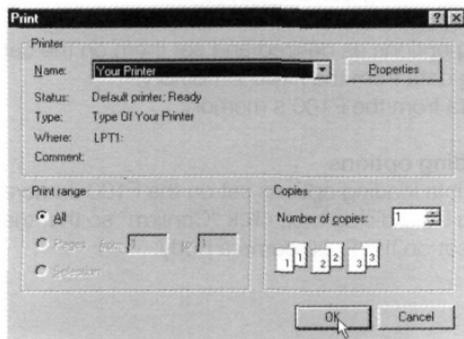
1. On the Custom Setting dialog box, click "File" to activate the Open dialog box. (Fig. 20)
2. On the Open dialog box, select the drive or folder where the desired file is located to display a list of files. Via the Photo Secretary, only Custom Setting options data files with the extension name "*.pcs" can be opened.
3. Select a file (or input file name) then click "Open" to open the file. You can also open the file by double-clicking the file name. Contents of the loaded data are shown in the Custom Setting dialog box.



(Fig. 20)

Printing the Custom Setting Option Data

1. On the Custom Setting dialog box, click "Print" to activate the Print dialog box. (Fig. 21)
 2. Select the printer, specify number of copies to be printed, then click "OK" to start printing.
- For details, see the help message for the Print dialog box.



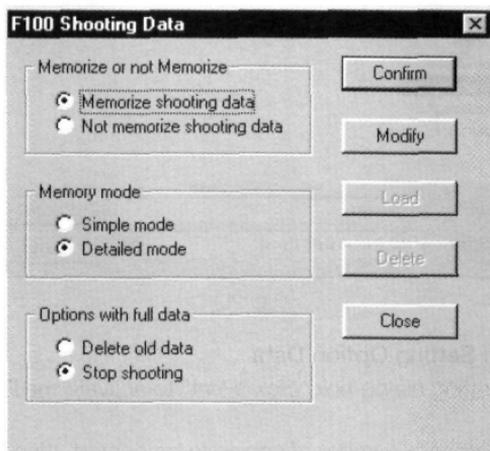
(Fig. 21)

Shooting Data

The Nikon F100, F5 and F90/F90X (or N90/N90s) cameras store shooting data in their memory databanks. Photo Secretary II allows you to select shooting data loading options, download shooting data from a camera to a personal computer, then display and edit shooting data.

With the F100

1. Using the MC-33 or MC-31 cord, connect the F100 camera to a personal computer.
2. Turn on both the camera and personal computer.
3. Start Photo Secretary, click "Tool" and "F100 Shooting Data" to activate the F100 Shooting Data dialog box. (Fig. 22)



(Fig. 22)

The F100 Shooting Data dialog box allows you to:

- Confirm data loading options set on the F100 camera body.
- Modify data loading options as desired and set them on the camera body.
- Download shooting data from the F100's memory.
- Delete shooting data from the F100's memory.

Confirming data loading options

You can confirm the data loading options set on the F100 camera body.

On the F100 Shooting Data dialog box, click "Confirm" so that the dialog box shows data loading options set on the F100 camera body.

Modifying data loading options

Data loading options can be modified when no shooting data is stored in the camera's memory and the film counter displays "E". The modified data loading options will be applied when the next roll of film is loaded and advanced to the first frame.

1. On the F100 Shooting Data dialog box, select "Memorize shooting data" to store data or "Not memorize shooting data" to stop storing shooting data. ("Not memorize shooting data" is the default setting.)
 2. If you have selected "Memorize shooting data", then select Simple mode or Detailed mode .
 3. You can choose to "Delete old data" or "Cancel shooting data memorization" when the camera's memory is full. ("Delete old data" is the default setting.)
 4. Click "Modify" to modify the data loading options on the camera body, as selected in the dialog box.
- For details, see the help message for the F100 Shooting Data dialog box.

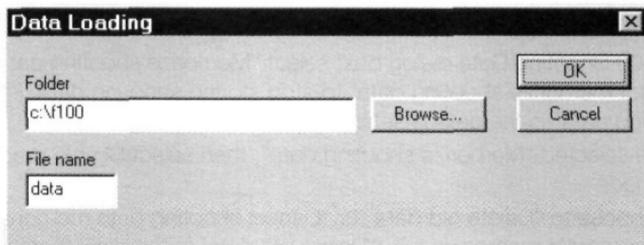
F100 shooting data to be stored and data storage capacity:

Type of data to be stored	Shooting data items	Data storage capacity (no. of rolls of film)
Simple mode	Shutter speed, aperture, focal length set on the lens, frame counter, with or without Speedlight/TTL auto flash, Multiple exposure	Approx. 70
Detailed mode	All Simple mode items plus: lens' focal length, maximum aperture, metering system, exposure mode, flash sync mode, deviation from the correct exposure value and exposure compensation value in manual mode, flash output level compensation value	Approx. 30

- * When using 36-exposure film. Data storage capacity varies according to the number of frames shot.

Downloading shooting data from the F100 camera body.

1. On the F100 Shooting Data dialog box, click "Load" to activate the Data Loading dialog box. (Fig. 23)



(Fig. 23)

On the Data Loading dialog box, input up to four letters for the first half of the file name. Then click "OK" to start downloading the shooting data.

2. The loaded shooting data is saved with the specified name. The film number for the last half of the file name and file name extension ".psh" is automatically added to the file name. To open the saved shooting data file, click "File" and "Open".
- To view style options for the shooting data files, see page 32.
 - For details, see the help message for the F100 Shooting Data dialog box.

Deleting shooting data from the camera's memory

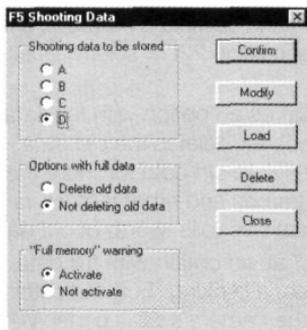
1. On the F100 Shooting Data dialog box, click "Delete" to activate the Data Deleting Confirmation message box.
2. On the Data Deleting Confirmation message box, click "Yes" to delete shooting data.

Notes on memorizing and loading shooting data with the F100

- Shooting data cannot be memorized until the camera has been loaded with film.
- When shooting multiple exposures, the shooting data for the first exposure only will be memorized.
- If the multiple exposure function is set, multiple exposures will be recorded even if the multiple exposure function is canceled after the first exposure.
- To delete shooting data from the camera's memory, execute "Delete" on the F100 Shooting Data dialog box (see page 22) or select "Delete old data" as an option with full data.
- If you select "Delete old data" as an option with full data, memorizing new data when the camera's memory is full deletes the old data. Note that in this case, new data for one roll of film may delete old data for more than one roll of film. Depending on the number of exposed frames and other factors, new data for one roll of film may actually delete more than two rolls' worth of old data.
- If you select "Stop shooting" as an option with full data, the shutter locks when the camera's memory is full. Also, a blinking "Full" indicator appears in place of the shutter speed indication in the camera's LCD panel. While in "Stop shooting" mode, turning the camera's power switch off, then on again, will make the full-memory warning disappear, and you can continue shooting without memorizing data. To memorize shooting data, delete old data. Note that data loading options *cannot be modified during shooting (they can be modified only when the frame counter shows "E")*. We recommended that you always download shooting data from the camera's memory. For data storage capacity, see page 23.
- The film speed set for the last exposed frame is memorized as shooting data. If you have modified the film speed in mid-roll, the previously set film speed will not be memorized.
- If you download shooting data from the F100 camera in mid-roll, the shooting data for the film taken up to that point will also be downloaded. If you download the shooting data again after taking more pictures with the same roll, the newly downloaded shooting data is saved with the same name as the previously saved data. This will replace the older data. To avoid this, input a different file name on the Data Loading dialog box or modify the file name of the old data.

With the F5

1. Using the MC-33 cord, connect the F5 camera to a personal computer.
2. Turn on both the camera and personal computer.
3. Start Photo Secretary, click "Tool" and "F5 Shooting Data" to activate the F5 Shooting Data dialog box. (Fig 24)



(Fig 24)

The F5 Shooting Data dialog box allows you to:

- Confirm data loading options set on the F5 camera body.
- Modify data loading options as desired and set them on the camera body
- Download shooting data from the F5's memory
- Delete shooting data from the F5's memory

Confirming data loading options

You can confirm data loading options set on the F5 camera body.

On the F5 Shooting Data dialog box, click "Confirm" so that the dialog box shows the data loading options set on the F5 camera body.

Modifying data loading options

You can modify data loading options to suit your needs.

The modified data loading options will be activated after you load a new roll of film and it advances to the first frame.

1. On the F5 Shooting Data dialog box, select the data to be stored from types A, B, C and D. (For details on the types of data to be stored, see page 27.)
 2. Choose whether you want to delete old data or stop memorizing shooting data when the camera's memory is full.
 3. Choose whether you activate the full-memory warning or not.
 4. Click "Modify" to modify the data loading options on the camera body, as selected in the dialog box.
- For details, see the help message for the F5 Shooting Data dialog box.

F5 shooting data to be stored and data storage capacity:

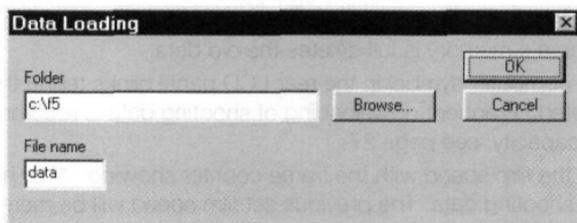
Type of data to be stored	Shooting data items	Data storage capacity (no. of rolls of film)
A	Shutter speed, aperture, focal length, film counter, lens maximum aperture	Approx. 78
B	Type A items plus: shooting date and time	Approx. 36
C	Type B items plus: imprinted letters	Approx. 12
D	Type C items plus: metering system, exposure mode, sync mode, deviation from the correct exposure value and exposure compensation value in manual mode	Approx. 10 (or approx. 39 rolls without the MF-28)

- * When using 36-exposure film. Data storage capacity varies according to the number of frames shot and/or if multiple exposure shooting is conducted. Types B and C items can be stored only when the Multi-Control Back MF-28 is attached. Without the MF-28, you can only store type A items even if you select types B or C.

Downloading shooting data from the F5 camera body

You can download shooting data from the F5 camera body.

1. On the F5 Shooting Data dialog box, click "Load" to activate the Data Loading dialog box. (Fig. 25)



(Fig. 25)

On the Data Loading dialog box, input up to four letters for the first half of the file name. Then click "OK" to start downloading the shooting data.

2. The loaded shooting data is saved with the specified name. The film number for the last half of the file name and file name extension ".psh" is automatically added to the file name. To open the saved shooting data file, click "File" and "Open".
- To view style options for shooting data files, see page 32.
 - For details, see the help message for the F5 Shooting Data dialog box.

Deleting shooting data from the camera's memory

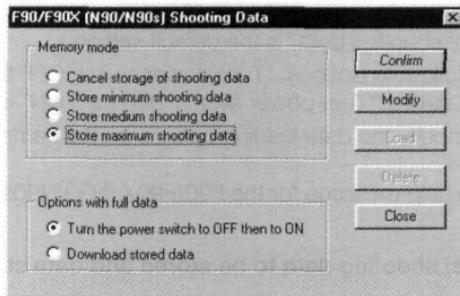
1. On the F5 Shooting Data dialog box, click "Delete" to activate the Data Deleting Confirmation message box.
2. On the Data Deleting Confirmation message box, click "Yes" to delete shooting data.

Notes on memorizing, loading shooting data with the F5

- Shooting data cannot be memorized until the camera has been loaded with film.
- Month, day, hour, minute, second and imprinted letters items can be memorized only when the Multi-Control Back MF-28 is attached.
- When shooting multiple exposures, the selected data items will be loaded for first exposure.
- When the camera is loaded with film, shooting data is always memorized — even for test shooting.
- To delete shooting data from the camera's memory, select "Delete" on the F5 Shooting Data dialog box (see page 26) or select "Delete old data" as an option with full data.
- If the camera's memory becomes full after you have selected data loading options that activates the full-memory warning, the personal computer connection symbol blinks in the camera's rear LCD panel.
- If you select "Delete old data" as an option with full data, memorizing new data when the camera's memory is full deletes the old data.
(The personal computer symbol in the rear LCD panel blinks telling that some data has been deleted.) Frequent downloading of shooting data is recommended. For data storage capacity, see page 27.
- If you change the film speed with the frame counter showing "1" or higher, this will not affect the shooting data. The previous set film speed will be memorized for the shooting data download operation.

With the F90/F90X (N90/N90s)

1. Using the MC-31 cord, connect the F90/F90X (N90/N90s) camera to a personal computer.
2. Turn on both the camera and personal computer.
3. Start Photo Secretary, click "Tool" and "F90/F90X (N90/N90s) Shooting Data" to activate the F90/F90X (N90/N90s) Shooting Data dialog box. (Fig. 26)



(Fig. 26)

The F90/F90X (N90/N90s) Shooting Data dialog box allows you to:

- Confirm data loading options set on the F90/F90X (N90/N90s) camera body.
- Modify data loading options as desired and set them on the camera body.
- Download shooting data from the F90/F90X (N90/N90s) camera's memory.
- Delete shooting data from the F90/F90X (N90/N90s) camera's memory.

Confirming data loading options

You can confirm the data loading options set on the F90/F90X (N90/N90s) camera body.

On the F90/F90X (N90/N90s) Shooting Data dialog box, click "Confirm" so that the dialog box shows data loading options set on the F90/F90X (N90/N90s) camera body.

Modifying data loading options

Data loading options can be modified only when no shooting data is stored in the camera's memory and the film counter shows "E". The modified data loading options will be activated after you load a new roll of film and it advances to the first frame.

1. On the F90/F90X (N90/N90s) Shooting Data dialog box, select one of the four memory modes: "Cancel storage of shooting data," "Store minimum shooting data", "Store medium shooting data", and "Store maximum shooting data". ("Cancel storage of shooting data" is the default setting.)
 2. Select one of the following options: "Turn power switch OFF then ON" or "Download stored data". ("Turn power switch OFF then ON" is the default setting.)
 3. Click "Modify" to modify the data loading options on the camera body, as selected in the dialog box.
- For details, see the help message for the F90/F90X (N90/N90s) Shooting Data dialog box.

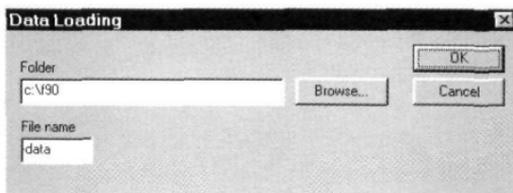
F90/F90X (N90/N90s) shooting data to be stored and data storing capacity:

Type of data to be stored	Shooting data items	Data storing capacity (no. of rolls of film)	
		F90/N90	F90X/N90s
Minimum data	Shutter speed, aperture	Approx. 5	Approx. 99
Medium data	"Minimum data" items plus metering system, exposure mode, flash sync mode, focal length set on the lens	Approx. 3	Approx. 50
Maximum data	"Medium data" items plus exposure compensation value, flash output level compensation value	Approx. 2	Approx. 34

* When using 36-exposure film. Data storage capacity varies according to the number of frames shot and/or if multiple exposure shooting is conducted.

Downloading shooting data from the F90/F90X (N90/N90s) camera body

1. On the F90/F90X (N90/N90s) Shooting Data dialog box, click "Load" to activate the Data Loading dialog box. (Fig. 27)



(Fig. 27)

On the Data Loading dialog box, input up to four letters for the first half of the file name. Then click “OK” to start downloading the shooting data.

2. The loaded shooting data is saved with the specified name. The film number for the last half of the file name and file name extension “.psh” is automatically added to the file name. To open the saved shooting data file, click “File” and “Open”.
 - To view style options for shooting data files, see page 32.
 - For details, see the help message for the F90/F90X (N90/N90s) Shooting Data dialog box.

Deleting shooting data from camera's memory

1. Click “Delete” to activate the Data Deleting Confirmation message box.
2. On the Data Deleting Confirmation message box, click “Yes” to delete shooting data.

Notes on memorizing, loading shooting data with F90/F90X (N90/N90s)

- Shooting data cannot be memorized until the camera has been loaded with film.
- When shooting multiple exposures, the shooting data for the first exposure only will be memorized.
- To delete shooting data from the camera's memory, select “Delete” on the F90/F90X (N90/N90s) Shooting Data dialog box (see page 29), or download shooting data from the F90/F90X (N90/N90s) camera.
- If you download shooting data from the F90/F90X (N90/N90s) camera in mid-roll, the shooting data for film taken up to that point is not downloaded. Only the previously memorized data from other rolls is downloaded and then deleted.
- If you have modified Memory Mode option on the F90/F90X (N90/N90s) Shooting Data dialog box, **CUSTOM** appears in the camera's LCD panel.
- The “Delete” command on the F90/F90X (N90/N90s) Shooting Data dialog box can be executed even when the film is in mid-roll. In this case, all shooting data except for that of the film roll in use, will be deleted from the camera's memory.
- Option for “Data imprinted on frame #0” cannot be set.

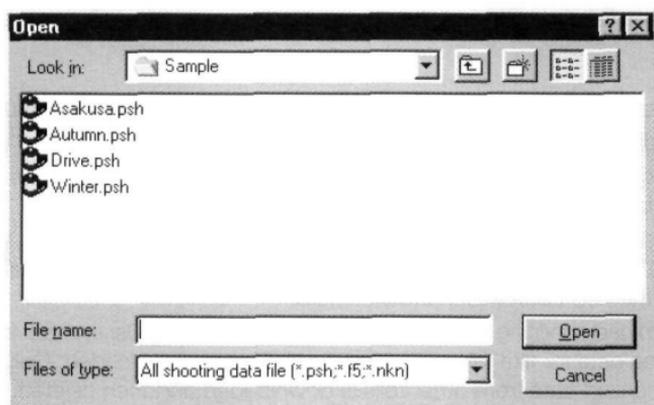
Opening Shooting Data Files

In the Photo Secretary application, click “File” and “Open” to activate the Open dialog box (Fig. 28). Select your desired file and click “Open”, or double-click the icon for the file, to display the shooting data. You can open a shooting data file when another file is already open.

With Photo Secretary, you can open files with the following file name extensions:

- “.psh” (Photo Secretary II for F100 file format)
- “.F5” (Photo Secretary for F5 file format)
- “.nkn” or “.f90” [Photo Secretary for F90/F90X (N90/N90s) file format]

With Photo Secretary II for F100, the file name extension “.psh” is automatically added to the file name of a newly created file. It cannot be changed.



(Fig. 28)

Selecting Shooting Data File Views

You can choose “List” (Fig. 39), “Text” (Fig. 30), “Film” (Fig. 31), “Thumbnail” (Fig. 32) and “Thumbnail & List” (Fig. 33) as view styles for shooting data files. Select the desired view style from the View menu. When two or more shooting data files are open, first click on the shooting data display window to activate the file you want to change, then follow the procedure below.

With any view style, the title, comment and film speed are displayed at the top of the shooting data display window.

Drive.psh

Title Bayside driving
 Comment From Chiba to Yokohama
 Film Speed 100

Frame	Speed	Date	Meter	Mode	AEp	Flash
Aperture	Time	Comment				
[1] 25	09/01/1998	Multi	Aperture priority	auto	-0.7	Normal
F16	10:05:00	park 1				
[2] 50	09/01/1998	Center weighed	Aperture priority	auto	+1.0	Normal
F--	10:08:00	flower 1				
[3] 40	09/01/1998	Multi	Aperture priority	auto	0.0	Normal
F11	10:10:00	flower 2				
[4] 750	09/01/1998	Multi	Aperture priority	auto	0.0	Normal
F5.0	10:12:00	butterfly 1				
[5] 150	09/01/1998	Multi	Aperture priority	auto	0.0	Normal
F5.6	10:14:00	butterfly 2				
[6] 40	09/01/1998	Multi	Aperture priority	auto	0.0	Normal
F11	10:15:00	park 2				
[7] 30	09/01/1998	Multi	Aperture priority	auto	-0.7	Normal
F5.6	10:51:00	bird				
[8] 100	09/01/1998	Multi	Aperture priority	auto	0.0	Normal
F16	11:12:00	building				
[9] 80	09/01/1998	Multi	Aperture priority	auto	+0.3	Normal
F11	11:15:00	The Statue of Liberty 1				
[10] 100	09/01/1998	Multi	Aperture priority	auto	-0.7	Normal
F8	11:47:00	The Statue of Liberty 2				

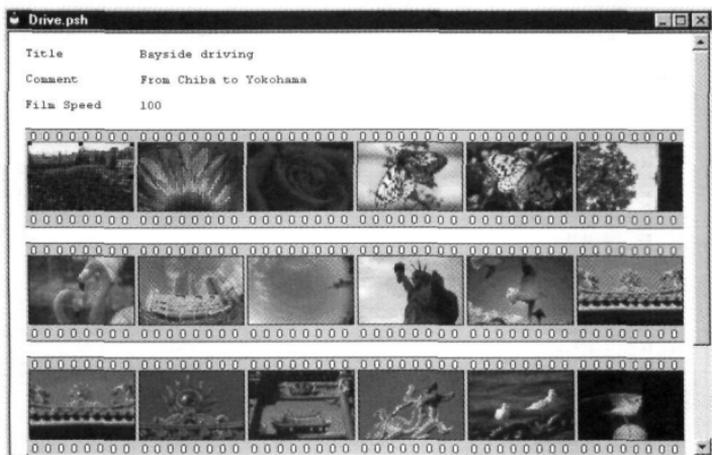
(Fig. 29) List view

Drive.psh

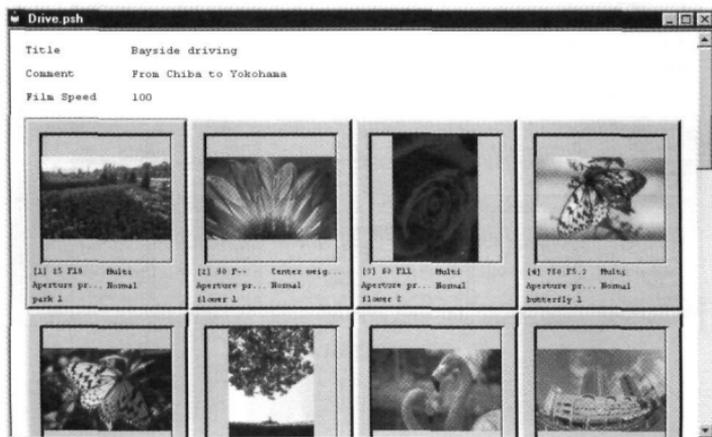
Title Bayside driving
 Comment From Chiba to Yokohama
 Film Speed 100

[1] 25 F16 Multi Aperture prior... Normal park 1	[2] 50 F-- Center weighed Normal flower 1	[3] 40 F11 Multi Aperture prior... Normal flower 2	[4] 750 F5.0 Multi Aperture prior... Normal butterfly 1	[5] 150 F5.6 Multi Aperture prior... Normal butterfly 2	[6] 40 F11 Multi Aperture prior... Normal park 2
[7] 30 F5.6 Multi Aperture prior... Normal bird	[8] 100 F16 Multi Aperture prior... Normal building	[9] 80 F11 Multi Aperture prior... Normal The Statue of ...	[10] 100 F8 Multi Aperture prior... Normal The Statue of ...	[11] 100 F16 Multi Shutter priori... Normal sea gull 1	[12] 40 F11 Multi Aperture prior... Normal China town 1

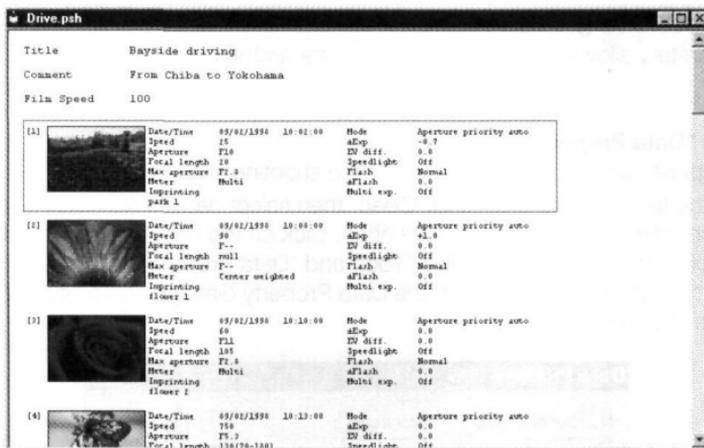
(Fig. 30) Text view



(Fig. 31) Film view



(Fig. 32) Thumbnail view



(Fig. 33) Thumbnail List view

- You can edit the active shooting data file; you can also link image data to the active shooting data file. (Pages 36-42).
- The "Configuration" command in the Tool menu allows you to select the following view style options:
 - a) You can set the default view style as you wish from the available view options.
 - b) You can select shooting data items to be displayed in Text, Film or Thumbnail view. You can also set the number of frames per row and line space length.
 - c) You can choose a background color for the window. (Note: on printouts, the background color will be white.)
 For details, see the help message for the "Configuration" command.
- Using the "Title Font" command in View menu, you can select a font for the title. You can also select a font for frame data with the "Frame Font" command.
- To execute the "Print" command, print the active window with the selected view style. (Pages 45-48)
- With Film, Thumbnail or Thumbnail List view, you can use the "Slide Show" command to display the linked images, one by one, by frame number order. The "Slide Show" command is in the Tool menu.
- For details, see the help message for each view style.

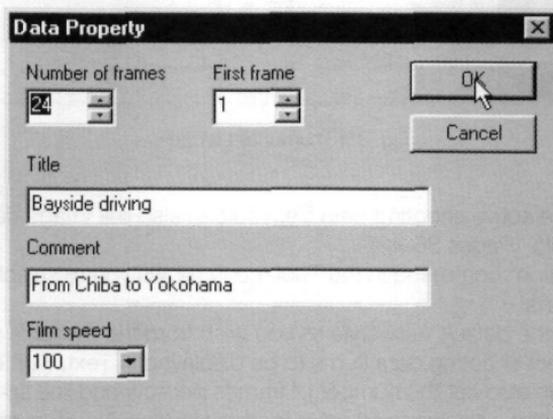
Editing Shooting Data

Photo Secretary allows you to edit shooting data and link image data to the shooting data.

Selecting “Data Property” Options

You can specify general information about the shooting data.

1. Open the file (i.e., click “File” and “Open” then select desired file). Or, if two or more shooting data files are already open, click on the shooting data display window you want, to activate it. Click “Tool” and “Data Property” to activate the Data Property dialog box (Fig. 34). On the Data Property dialog box, you can select from a range of options.



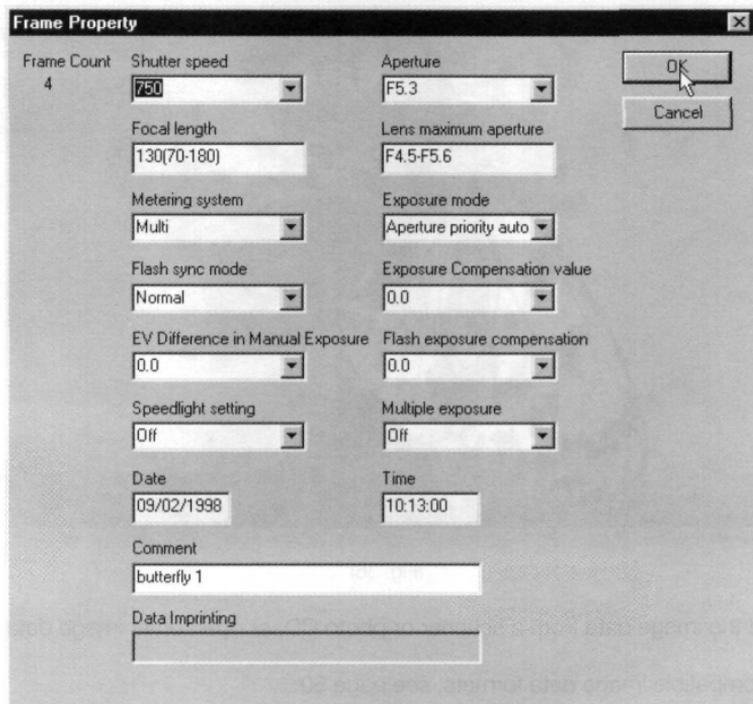
(Fig. 34)

2. On the Data Property dialog box, input the title and comment you want. You modify the title and comment later as desired.
For Film view, set the location of the first frame and change the number of frames.
3. Click “OK”.
 - For details, see the help message for the Data Property dialog box.

Selecting “Frame Property” Options

1. Open the file (i.e., click “File” and “Open” then select desired file). With a view style other than “Film” view: Click on the frame you want to edit to activate it, then click “Tool” and “Frame Property” to activate the Frame Property dialog box (Fig. 35). The Frame Property dialog box can also be activated by double-clicking on the desired frame data.

With “Film” view: Click on the frame you want to edit to activate it, click on the right-hand button on the mouse then click “Property” to activate the Frame Property dialog box (Fig. 35).



(Fig. 35)

2. On the Frame Property dialog box, edit the shooting data as desired then click “OK”.

Linking Image Data to Frames

1. Open the shooting data file (i.e., click "File" and "Open" then select desired file) or create a new file (i.e., click "File" and "New"). Select "Film", "Thumbnail" or "Thumbnail List" view so that the thumbnail image will be displayed.
2. Click and activate the frame to which you want to link the image data.
3. Click "Tool" and "Edit Image" to open the Photo Finder (Fig. 36)

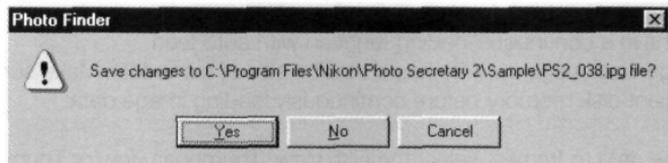
You can also open the Photo Finder by double clicking the thumbnail image area (with or without the thumbnail image displayed) of the frame.



(Fig. 36)

4. Load the image data from a scanner or photo CD, or open other image data files.
 - For compatible image data formats, see page 50.

5. On the Photo Finder window, click "File" and "Exit" and return to file name. If you have downloaded image data from a scanner or Photo CD, or if you have modified an image data file, the Save Confirmation box (Fig. 37) will appear. Select "Yes" to quit the Photo Finder. The loaded image data is automatically linked to the selected frame of the shooting data.



(Fig. 37)

You can move the image data from one frame to another using drag-and-drop editing.

To see the original data of the pasted image, select the frame where the desired image data is pasted, then click "Tool" and "Edit Image".

- The image data downloaded from a scanner or other image-capturing device, or moved from the clipboard, must be saved as an image data file.
- For information about compatible image data file formats, see page 50.
- For details, see the help message for each function.

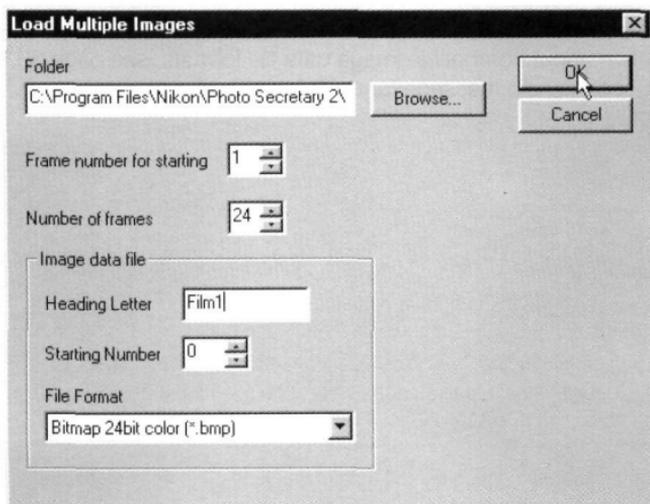
Using the “Load Multiple Images” Command to Link Image Data to Shooting Data

You can load image data continuously from a scanner¹⁾. The loaded image data is automatically linked to frames of the shooting data and saved²⁾.

- 1) Requires a scanner having a continuous loading function with auto feed.
Continuous loading of image data may not occur with some scanners, even if they have a continuous loading function with auto feed.
- 2) A large-size image data file has a volume size of some MB. Make sure there is sufficient disk memory before continuously loading image data.

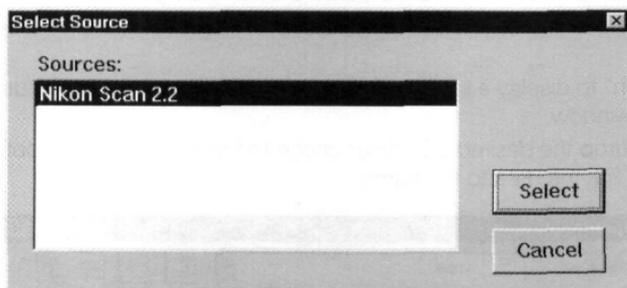
To link image data to frames, select the Film view, Thumbnail view or Thumbnail List view. With the List view or Text view, linking image data to frames cannot occur. With two or more shooting data windows open, click on the one you want to activate it, then select the frame to be linked with the image data.

1. Click “Load Multiple Images” in the Photo Secretary’s Tool menu to activate the Load Multiple Images dialog box (Fig. 38).



(Fig. 38)

2. On the Load Multiple Images dialog box, specify and select options for loading image data.
 - For details, see the help message for the Load Multiple Image dialog box.
3. After setting options, click “OK” to activate the Select Source dialog box (Fig. 39). The Select Source dialog box shows the list of available TWAIN equipment. If you select JPEG, TIFF or FlashPix as a file format, the JPEG Option dialog box, the TIFF Option dialog box or the FlashPix Option dialog box will be activated instead.
 - For details, see the help message for each dialog box.



(Fig. 39)

4. On the Select Source dialog box, select the scanner by clicking it, then click “Select” to activate the TWAIN Input dialog box.

Methods of setting options on the TWAIN Input dialog box depend on the scanner in use. For details, refer to your scanner operating manual.

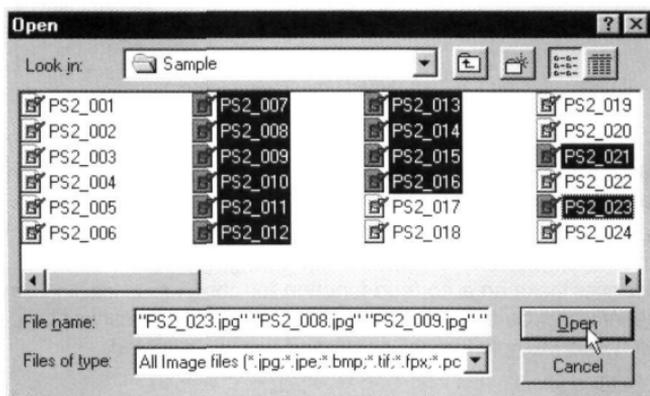
 - If your scanner lacks an auto feed function for continuous loading, an error message informs you that continuous loading of images cannot be performed. Then the “Load Multiple Image” command will be canceled.
5. Start scanning.

The image data is loaded, then linked to the shooting data frames continuously. After multiple loading of image data is completed, the shooting data frames show thumbnail images of the linked image data.

Using the “Image List” Command to Link Image Data to Shooting Data

You can display a list of thumbnail images of an existing image data file regardless of where they are located. Any of the listed images can be linked to the shooting data frame by drag-and-drop editing.

1. Click “Image List” in the Photo Secretary’s Tool menu to activate the Open dialog box (Fig. 40).
2. Click the desired file icon to select it on the Open dialog box.
To select two or more files, click the file icon while pressing the Ctrl key or shift key.
3. Click “Open” to display a list of thumbnail images of selected image data on the image list window.
4. Drag-and-drop the desired thumbnail image to the frame on the shooting data window to link the data to the frame.



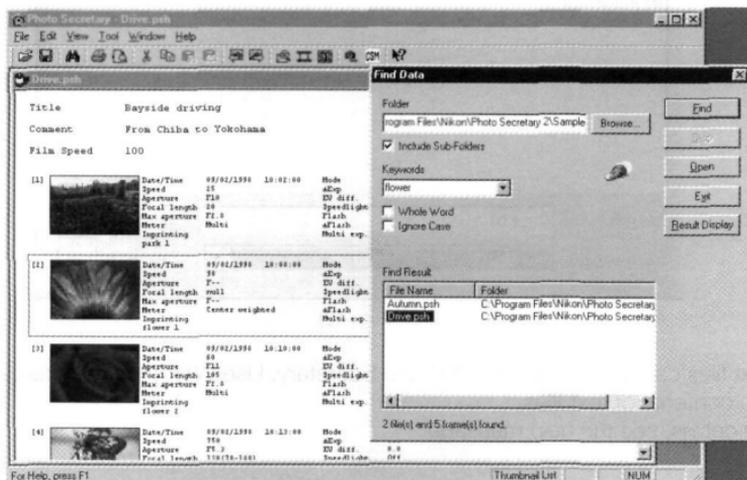
(Fig. 40)

- Note: displaying several large-sized images may take a lot of time.

Searching Files Based on Keyword

You can search the shooting data files that contain the specified keywords without actually opening the file. Shooting data files containing the specified keywords are also searched.

1. Click "Find" in the File menu to activate the Find Data dialog box (Fig. 41).
 2. On the Find Data dialog box, specify folder and keywords. Type in two or more words with space to find files that contain all the words you specified.
 3. Click "Find" to start searching. The searched shooting data files are listed in the Find Result box on the Find File dialog box.
 4. Double-click the desired file in the Find Result box to open it.
- Check "Whole Word" to search only for the words/characters that match the specified keywords. (For example, "F50" and "Nikon-F5" will not be detected when you input "F5" as the keyword).
 - Check "Ignore Case" to ignore case (uppercase or lowercase letters) in the search function.
 - For details, see the help message for the Find Data dialog box.



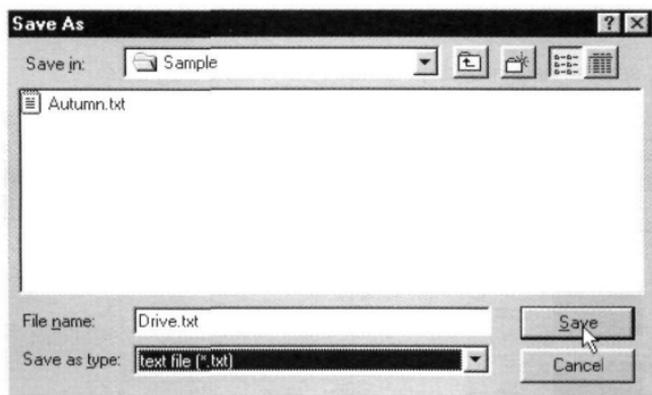
(Fig. 41)

Saving the Shooting Data as Text Files

You can save the shooting data files as text files (having file name extension “*.txt”) to see the file contents via the other applications. To save the shooting data files as text files, use the “Save As” command.

In a text file converted from a shooting file, the first line shows the shooting data property and after the second line shows the frame property (Fig. 43). With the “Configuration” command in the Tool menu, you can specify characters or marks to separate shooting data columns and second/minute display style for shutter speed indication. For details, see the help message for “Configuration”.

1. Open the file (i.e., click “File” and “Open” then select the desired file). Or, if two or more shooting data files are already open, activate the desired one by clicking it. Click “File” and “Save As” to activate the Save As dialog box (Fig. 42).
2. On the Save As dialog box, input file name, select “*.txt” as file type, then click “Save” to save the file as a text file.



(Fig. 42)

- Text files cannot be opened via Photo Secretary. Use WordPad or Notepad to confirm contents of text files.
- For details, see the help message.

```

Drive.txt - Notepad
File Edit Search Help
100,From Chiba to Yokohama,Bayside driving
11,25,F10,28,F2.8,Multi,Aperture priority auto,Normal,-0.7,0.0,0.0,Off,Off,09/02/1998,10:02:00,,park 1
2,90,F--,,null,F--,Center weighted,Aperture priority auto,Normal,+1.0,0.0,0.0,Off,Off,09/02/1998,10:08:00,,flower 1
3,60,F11,105,F2.8,Multi,Aperture priority auto,Normal,0.0,0.0,0.0,Off,Off,09/02/1998,10:10:00,,flower 2
4,750,F5.3,130(F70-180),F4.5-F5.6,Multi,Aperture priority auto,Normal,0.0,0.0,0.0,Off,Off,09/02/1998,10:13:00,,butterfly 1
5,250,F5.6,160(F70-300),F4.5-F5.6,Multi,Aperture priority auto,Normal,0.0,0.0,0.0,Off,Off,09/02/1998,10:14:00,,butterfly 2
6,40,F11,28(F20-70),F3.5-F4.5,Multi,Aperture priority auto,Normal,0.0,0.0,0.0,Off,Off,09/02/1998,10:21:00,,park 2
7,30,F5.6,300(F70-300),F4-F5.6,Multi,Aperture priority auto,Normal,-0.7,0.0,0.0,Off,Off,09/02/1998,10:51:00,,bird
8,160,F10,16,F2.8,Multi,Aperture priority auto,Normal,0.0,0.0,0.0,Off,Off,09/02/1998,11:12:00,,building
9,80,F11,16,F2.8,Multi,Aperture priority auto,Normal,+0.3,0.0,0.0,Off,Off,09/02/1998,11:28:00,,The Statue of Liberty 1
10,160,F8,105(F28-200),F3.5-F5.6,Multi,Aperture priority auto,Normal,-0.7,0.0,0.0,Off,Off,09/02/1998,11:43:00,,The Statue of Liberty 2
11,250,F10,28(F20-70),F3.5-F4.5,Multi,Shutter priority auto,Normal,0.0,0.0,0.0,+1.7,TTL,Off,09/02/1998,12:53:00,,sea gull 1
12,40,F16,135(F70-300),F4-F5.6,Multi,Aperture priority auto,Normal,0.0,0.0,0.0,Off,Off,09/02/1998,13:08:00,,China town 1
13,60,F16,135(F70-300),F4-F5.6,Multi,Aperture priority auto,Normal,-0.7,0.0,0.0,Off,Off,09/02/1998,13:09:00,,China town 2
14,125,F16,300(F70-300),F4-F5.6,Multi,Aperture priority auto,Normal,-0.7,0.0,0.0,Off,Off,09/02/1998,13:09:00,,China town 3
15,500,F5.6,45(F28-70),F3.5-F4.5,Multi,Aperture priority auto,Normal,-0.7,0.0,0.0,Off,Off,09/02/1998,13:12:00,,China town 4
16,125,F11,132(F70-300),F4-F5.6,Multi,Aperture priority auto,Normal,0.0,0.0,0.0,Off,Off,09/02/1998,13:13:00,,China town 5
17,250,F5.6,300(F70-300),F4-F5.6,Center weighted,Aperture priority auto,Normal,0.0,0.0,0.0,Off,Off,09/02/1998,16:35:00,,sea gull 2
18,1250,F5.6,300(F70-300),F4-F5.6,Center weighted,Aperture priority auto,Normal,-1.0,0.0,0.0,Off,Off,09/02/1998,16:47:00,,sea gull 3
19,25,F11,145(F70-300),F4-F5.6,Multi,Aperture priority auto,Normal,-1.0,0.0,0.0,Off,Off,09/02/1998,18:10:00,,Mt. Fuji
20,2.5,F11,16,F2.8,Multi,Aperture priority auto,Normal,-0.7,0.0,0.0,Off,Off,09/02/1998,18:23:00,,setting sun
21,6,F8,52(F28-70),F3.5-F4.5,Multi,Aperture priority auto,Normal,+0.7,0.0,+1.0,TTL,Off,09/02/1998,19:25:00,,landing pier 1
22,15,F4,16,F2.8,Multi,Aperture priority auto,Normal,0.0,0.0,+0.7,TTL,Off,09/02/1998,19:34:00,,illumination
23,60,F5.6,40(F28-70),F3.5-F4.5,Multi,Aperture priority auto,Normal,0.0,0.0,+1.0,TTL,Off,09/02/1998,19:42:00,,landing pier 2
24,1,F5.6,40(F28-70),F3.5-F4.5,Multi,Aperture priority auto,Red-Eye Reduction,0.0,0.0,+1.0,TTL,Off,09/02/1998,19:43:00,,landing pier 3

```

(Fig. 43)

Printing the Shooting Data

Performing the "Print" command prints the shooting data file as displayed in the window. If necessary, change the view style of the shooting data with the command in the View menu ("List", "Text", "Film", "Thumbnail" or "Thumbnail List").

With List view: You can select the number of displayed items of shooting data—Simple List, Normal List or Detailed List.

C:\Program Files\Nikon\Photo Secretary 2\Sample\Drive.psh

Title		Bayside driving				
Comment		From Chiba to Yokohama				
Film Speed		100				
Frame	Speed	Date	Meter	Mode	fExp	Flash
	Aperture	Time	Comment			
[1]	25	09/02/1998	Multi	Aperture priority auto	-0.7	Normal
	F10	10:02:00	park 1			
[2]	90	09/02/1998	Center weighted	Aperture priority auto	+1.0	Normal
	F--	10:08:00	flower 1			
[3]	60	09/02/1998	Multi	Aperture priority auto	0.0	Normal
	F11	10:10:00	flower 2			
[4]	750	09/02/1998	Multi	Aperture priority auto	0.0	Normal
	F5.3	10:13:00	butterfly 1			
[5]	250	09/02/1998	Multi	Aperture priority auto	0.0	Normal
	F5.6	10:14:00	butterfly 2			
[6]	40	09/02/1998	Multi	Aperture priority auto	0.0	Normal
	F11	10:21:00	park 2			
[7]	30	09/02/1998	Multi	Aperture priority auto	-0.7	Normal
	F5.6	10:51:00	bird			
[8]	160	09/02/1998	Multi	Aperture priority auto	0.0	Normal
	F10	11:12:00	building			

(Fig. 44)

With Text view:



(Fig. 45)

With Film view: Thumbnail images are printed in film sleeve format. Frames not linked with any image data show shooting data items.



(Fig. 46)

With Thumbnail view:

C:\Program Files\Nikon\Photo Secretary 2\Sample\Drive.psh

Title Bayside driving
Comment From Chiba to Yokohama
Film Speed 100



(Fig. 47)



(Fig. 48)

Setting print options

1. Click "Print Setup" in the File menu to activate the Print Setup dialog box.
2. Select paper size, paper orientation and other print options on the Printer Setup dialog box. If two or more printers are usable, select one printer.
For details, see the help message for the Printer Setup dialog box.
3. After setting options, click "OK".

Confirming print results

1. Click "Print Preview" in the File menu to display print result of the active shooting data file. For details, see the help message for the "Print Preview" command.
2. To close the Print Preview and return to the normal shooting data display window, click the "Close" button on the Print Preview Toolbar.

Printing

1. Click "Print" in the File menu to activate the Print dialog box.
2. Specify the pages to be printed and the number of copies to be printed. Then click "OK" to start printing.

For details, see the message for the Print dialog box.

PHOTO FINDER

Photo Finder is an image data loading application of Nikon Photo Secretary II for F100. Photo Finder can be started up independently. However, in most cases, it is started up via Photo Secretary. Photo Finder allows you to load image data from a scanner or other equipment, or Photo CD. The loaded image data can be edited and saved as files. ("Image List" and "Load Multiple Images" commands are available in Photo Secretary.)

Started via the Photo Secretary when shooting data is linked to the image data, the Photo Finder sends information about image to the Photo Secretary.



(Fig. 49)

Photo Finder offers the following functions:

- Opens image data files such as Bitmap, JPEG, TIFF and FlashPix files.
- Downloads image data from data input equipment such as a scanner, etc.
- Opens image data files from Photo CD.
- Rotates image 90 degrees to left or right.
- Changes display size of image.
- Changes picture size.
- Saves displayed image as an image data file such as Bitmap, JPEG or FlashPix file.
- Prints the displayed image and shooting data.

For details, see the help messages for Photo Finder.

Usable Image Data Files with Photo Secretary II for F100

Following image data can be used:

- Bitmap files (having file name extension of ".bmp")
- JPEG files (having file name extension of ".jpg" or "jpe")
- TIFF files (having file name extension of ".tif")
- Photo CD files (having file name extension of ".pcd")*
- FlashPix files (having file name extension of ".fpx")

* Image data cannot be saved as Photo CD files.

KEYBOARD SHORTCUTS

Nikon Photo Secretary II for F100 offers the following keyboard shortcuts:

General Windows® keys

- ALT+TAB** Shift active window to the right or downward.
ALT+SHIFT+TAB Shift active window to the left or upward.
ALT+SPACE Display system menu bar for current window.
ALT+ designated character key Selects the corresponding menu from the system menu bar of the current window. (Press the underlined character key in the system menu bar.)
CTRL+ESC Activate start menu.

For Photo Secretary II for F100 keys

- ← Shift the menu selection to the left.
⇒ Shift the menu selection to the right.
↑ Shift the menu selection upward.
↓ Shift the menu selection downward.
↵ Perform the selected command.
ESC Cancel the selected menu.

For dialog boxes

- TAB** Move downward through options.
SHIFT+TAB Move upward through options.
SPACE Confirm the selected control button.
RETURN Perform the operation using the default setting.
← Shift the currently active item. When a tab on the dialog box is selected, open the page to left of the selected tab.
⇒ Shift the currently active item. When a tab on the dialog box is selected, open the page to right of the selected tab.
↑ Shift the currently active item/numerical value upward.
↓ Shift the currently active item/numerical value downward.

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