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*** Basic Information ***
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[Create date] 2017/05/15

[Program Name] SYSTEM:XGA:ALT-2

[Version] 10011606-1010

[PCB No.]

[Interchangeability] X / O

[Other Firmware Requirements] None

[PCB Requirements] None

[Software category] Normal Release

[Release category] Normal Release

[Program category] Firmware

Exported to(language) GEN(all)

[Firmware No.] Y0515956N

[File Information]

File Name Y0515956N.sfw

File Type Module for Service and Machine Trigger Upgrade(.sfw)

Size 54.34 MB (56982252 byte)

[Production reflection] 2017/06

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*** Note ***
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[Note]

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*** Important Notes ***
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[Important Notes]

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*** Modification History ***
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[Modifications made:]

1) Additional model information

None.

2) Specification changes

None.

3) Fixes

- When multi-byte characters are used in the wireless LAN SSID, connections cannot be made in infrastructure mode.
- A warning will be displayed when Web Image Monitor is used in Safari 10.
- Network errors may occur if the device power is turned on and off repeatedly.

[Modification history]

Version 10011606-1009

1) Additional Model Information:

None

2) Changes:

Corresponds to the EU ErP directive Lot 6 criteria, which will be in effect as of January 1, 2017.

3) Fixes:

Firmware versions:

- MAIN: 1001160600
- NETWORK: 100900
- SYSTEM: 10011606-1009

Version 10011606-1008

1) Additional Model Information

None.

2) Changes

Support for Smart Device Connector's "Connect with QR code" function has been added.

*Please change the input to "Network PC" when using it.

3) Fixes

- Rarely, the projector will display "Please wait" and then freeze when powered on.
- Movie replays will freeze or be delayed when run via Miracast from some smartphone models.
- The screen will freeze when projecting from some smartphone models via Miracast.

Remarks

F/W versions:

- MAIN:1001160600

- NETWORK:100800
- SYSTEM:10011606-1008

Version 10011606-1006

1) Additional Model Information

None

2) Changes

- Improved stability when the temperature is high inside the projector.
- The new version of the service tool can obtain detailed error log information regarding mercury bridge occurrences. The new version will be released around the middle of March 2016.

3) Fixes

- It may take a long time to project the next movie when using DLNA compliant hardware.
- The projector may be inoperable when setting the network configuration.
- The projector may be unable to communicate wirelessly after projecting images using DLNA compliant hardware.
- The projector may be unable to power on after projecting movie files via USB memory.
- The following changes have been made to reduce the mercury bridge occurrence ratio.
 - Lamp driving management.
 - Increased the fan speed when turning off the projector.
 - Increased the cooling time when turning off the projector.
 - When the projector is installed on the floor:
5 sec. (current: 0 sec)
 - When the projector is mounted onto the ceiling or projecting onto the ceiling: 20 sec. (current: 0 sec.)
 - When the projector is projecting onto the floor:
20 sec. (current: 20 sec., no change)

Remarks (FW version)

MAIN: 1001160600

NETWORK: 100600

SYSTEM: 10011606-1006

Version 1001606-1005

1) Additional models supported by this firmware:

None.

2) Changes:

- Increased usability when a user projects a smartphone's screen via a Miracast that has been used previously with the same smartphone.
- Added a setting that allows for skipping the Miracast access confirmation sequence on projectors.

3) Fixes:

- Logjam security hole.

- May fail to set the administrator password for the projector when accessing Web Image Monitor via Internet Explorer.
- Improved Miracast response time.
- Improved Miracast interoperability with Windows computers.

Notes:

Firmware version

Main: 1000160600

Network: 100500

System: 10001606-1005

Version 10001606-1004

1) Additional hardware supported by this F/W:

None.

2) Specification changes:

None.

3) Fixes:

Unable to connect to the projector via Miracast in specific network environments.

Version 10001606-1003

1) Additional hardware supported by this F/W:

None.

2) Specification changes:

None.

3) Fixes:

- The projector may stop projecting in the case that a user is projecting via Miracast from a Nexus 5.
- Improved projection quality in the case that the image is being projected using QuickProjection via a wireless connection.
- The projector may stop projecting in the case that a user fast-forwards a movie file on DLNA.
- The projector may freeze for a moment in the case that a user is projecting using QuickProjection via a wireless connection.
- The projector may repeatedly stop and resume the projection in the case that a user is projecting via QuickProjection.

Version 10001606-1002

1) Additional hardware supported by this F/W:

None.

2) Specification changes:

None.

3) Fixes

- In rare cases, the projector is not recognized by the DLNA controller.
- The projector becomes unstable if a user immediately removes the USB memory source at the same time the projector begins projecting an image contained on the USB memory source.
- The projector becomes unstable if a user changes the input source when an image is being projected via Miracast.
- Depending on the eco-mode settings, the projector may become unstable when turning the projector on via the power button.
- The projector stops projecting in the case that a user projects an image using QuickProjection via a Macintosh computer and the network connection changes from wireless to wired, or vice versa, during the projection.

Version 10001606-1001
1st Mass production

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*** Basic Information ***
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[Create date] 2018/10/17

[Program Name] SYSTEM:XGA:ALT-2

[Version] 10011606-1012

[PCB No.]

[Interchangeability] X / O

[Other Firmware Requirements] None

[PCB Requirements] None

[Software category] Normal Release

[Release category] Normal Release

[Program category] Firmware

Exported to(language) GEN(all)

[Firmware No.] Y0515956P

[File Information]

File Name Y0515956P.sfw

File Type Module for Service and Machine Trigger Upgrade(.sfw)

Size 54.33 MB (56970780 byte)

[Availability of RFU] No

[Production reflection] 2018/11

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*** Note ***
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[Note]

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*** Important Notes ***
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[Important Notes]

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*** Modification History ***
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[Modifications made:]

Rank C

1)Additional Model Information

None.

2)Specification Changes

- WPA2 KRACKs vulnerability fixed.

3)Fix

- Image distortion may occurs on irregular JPEG resolution.

F/W versions:

- MAIN:1001160600
- NETWORK:101200
- SYSTEM:10011606-1012

[Modification history]

Version 10011606-1010

1) Additional model information

None.

2) Specification changes

None.

3) Fixes

- When multi-byte characters are used in the wireless LAN SSID, connections cannot be made in infrastructure mode.
- A warning will be displayed when Web Image Monitor is used in Safari 10.
- Network errors may occur if the device power is turned on and off repeatedly.

Version 10011606-1009

1) Additional Model Information:

None

2) Changes:

Corresponds to the EU ErP directive Lot 6 criteria, which will be in effect as of January 1, 2017.

3) Fixes:

Firmware versions:

- MAIN: 1001160600
- NETWORK: 100900
- SYSTEM: 10011606-1009

Version 10011606-1008

1) Additional Model Information

None.

2) Changes

Support for Smart Device Connector's "Connect with QR code" function has been added.

*Please change the input to "Network PC" when using it.

3) Fixes

- Rarely, the projector will display "Please wait" and then freeze when powered on.
- Movie replays will freeze or be delayed when run via Miracast from some smartphone models.
- The screen will freeze when projecting from some smartphone models via Miracast.

Remarks

F/W versions:

- MAIN:1001160600
- NETWORK:100800
- SYSTEM:10011606-1008

Version 10011606-1006

1) Additional Model Information

None

2) Changes

- Improved stability when the temperature is high inside the projector.
- The new version of the service tool can obtain detailed error log information regarding mercury bridge occurrences. The new version will be released around the middle of March 2016.

3) Fixes

- It may take a long time to project the next movie when using DLNA compliant hardware.
- The projector may be inoperable when setting the network configuration.
- The projector may be unable to communicate wirelessly after projecting images using DLNA compliant hardware.
- The projector may be unable to power on after projecting movie files via USB memory.
- The following changes have been made to reduce the mercury bridge occurrence ratio.
 - Lamp driving management.
 - Increased the fan speed when turning off the projector.
 - Increased the cooling time when turning off the projector.
 - When the projector is installed on the floor:
5 sec. (current: 0 sec)
 - When the projector is mounted onto the ceiling or projecting onto the ceiling: 20 sec. (current: 0 sec.)
 - When the projector is projecting onto the floor:
20 sec. (current: 20 sec., no change)

Remarks (FW version)

MAIN: 1001160600
NETWORK: 100600
SYSTEM: 10011606-1006

Version 1001606-1005

1) Additional models supported by this firmware:

None.

2) Changes:

- Increased usability when a user projects a smartphone's screen via a Miracast that has been used previously with the same smartphone.
- Added a setting that allows for skipping the Miracast access confirmation sequence on projectors.

3) Fixes:

- Logjam security hole.
- May fail to set the administrator password for the projector when accessing Web Image Monitor via Internet Explorer.
- Improved Miracast response time.
- Improved Miracast interoperability with Windows computers.

Notes:

Firmware version

Main: 1000160600

Network: 100500

System: 10001606-1005

Version 10001606-1004

1) Additional hardware supported by this F/W:

None.

2) Specification changes:

None.

3) Fixes:

Unable to connect to the projector via Miracast in specific network environments.

Version 10001606-1003

1) Additional hardware supported by this F/W:

None.

2) Specification changes:

None.

3) Fixes:

- The projector may stop projecting in the case that a user is projecting via Miracast from a Nexus 5.
- Improved projection quality in the case that the image is being projected using QuickProjection via a wireless connection.
- The projector may stop projecting in the case that a user fast-forwards a movie file on DLNA.
- The projector may freeze for a moment in the case that a user is projecting using QuickProjection via a wireless connection.
- The projector may repeatedly stop and resume the projection in the case that a user is projecting via QuickProjection.

Version 10001606-1002

1) Additional hardware supported by this F/W:
None.

2) Specification changes:
None.

3) Fixes

- In rare cases, the projector is not recognized by the DLNA controller.
- The projector becomes unstable if a user immediately removes the USB memory source at the same time the projector begins projecting an image contained on the USB memory source.
- The projector becomes unstable if a user changes the input source when an image is being projected via Miracast.
- Depending on the eco-mode settings, the projector may become unstable when turning the projector on via the power button.
- The projector stops projecting in the case that a user projects an image using QuickProjection via a Macintosh computer and the network connection changes from wireless to wired, or vice versa, during the projection.

Version 10001606-1001
1st Mass production

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*** Basic Information ***
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[Create date] 2018/10/17

[Program Name] SYSTEM:WXGA:ALT-2

[Version] 10011606-1012

[PCB No.]

[Interchangeability] X / O

[Other Firmware Requirements] None

[PCB Requirements] None

[Software category] Normal Release

[Release category] Normal Release

[Program category] Firmware

Exported to(language) GEN(all)

[Firmware No.] Y0535956P

[File Information]

File Name Y0535956P.sfw

File Type Module for Service and Machine Trigger Upgrade(.sfw)

Size 54.36 MB (56998348 byte)

[Availability of RFU] No

[Production reflection] 2018/11

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*** Note ***
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[Note]

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*** Important Notes ***
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[Important Notes]

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*** Modification History ***
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[Modifications made:]

Rank C

1)Additional Model Information

None.

2)Specification Changes

- WPA2 KRACKs vulnerability fixed.

3)Fix

- Image distortion may occurs on irregular JPEG resolution.

F/W versions:

- MAIN:1001160600
- NETWORK:101200
- SYSTEM:10011606-1012

[Modification history]

Version 10011606-1010

1) Additional model information

None.

2) Specification changes

None.

3) Fixes

- When multi-byte characters are used in the wireless LAN SSID, connections cannot be made in infrastructure mode.
- A warning will be displayed when Web Image Monitor is used in Safari 10.
- Network errors may occur if the device power is turned on and off repeatedly.

Version 10011606-1009

1) Additional Model Information:

None

2) Changes:

Corresponds to the EU ErP directive Lot 6 criteria, which will be in effect as of January 1, 2017.

3) Fixes:

Firmware versions:

- MAIN: 1001160600
- NETWORK: 100900
- SYSTEM: 10011606-1009

Version 10011606-1008

1) Additional Model Information

None.

2) Changes

Support for Smart Device Connector's "Connect with QR code" function has been added.

*Please change the input to "Network PC" when using it.

3) Fixes

- Rarely, the projector will display "Please wait" and then freeze when powered on.
- Movie replays will freeze or be delayed when run via Miracast from some smartphone models.
- The screen will freeze when projecting from some smartphone models via Miracast.

Remarks

F/W versions:

- MAIN:1001160600
- NETWORK:100800
- SYSTEM:10011606-1008

Version 10011606-1006

1) Additional Model Information

- None

2) Changes

- Improved stability when the temperature is high inside the projector.
- The new version of the service tool can obtain detailed error log information regarding mercury bridge occurrences. The new version will be released around the middle of March 2016.

3) Fixes

- It may take a long time to project the next movie when using DLNA compliant hardware.
- The projector may be inoperable when setting the network configuration.
- The projector may be unable to communicate wirelessly after projecting images using DLNA compliant hardware.
- The projector may be unable to power on after projecting movie files via USB memory.
- The following changes have been made to reduce the mercury bridge occurrence ratio.
 - Lamp driving management.
 - Increased the fan speed when turning off the projector.
 - Increased the cooling time when turning off the projector.
 - When the projector is installed on the floor:
5 sec. (current: 0 sec)
 - When the projector is mounted onto the ceiling or projecting onto the ceiling: 20 sec. (current: 0 sec.)
 - When the projector is projecting onto the floor:
20 sec. (current: 20 sec., no change)

Remarks(F/W version)

MAIN: 1001160600

NETWORK: 100600

SYSTEM: 10011606-1006

Version 1001606-1005

1) Additional models supported by this firmware:

None.

2) Changes:

- Increased usability when a user projects a smartphone's screen via a Miracast that has been used previously with the same smartphone.
- Added a setting that allows for skipping the Miracast access confirmation sequence on projectors.

3) Fixes:

- Logjam security hole.
- May fail to set the administrator password for the projector when accessing Web Image Monitor via Internet Explorer.
- Improved Miracast response time.
- Improved Miracast interoperability with Windows computers.

Notes:

Firmware version

Main: 1000160600

Network: 100500

System: 10001606-1005

Version 10001606-1004

1) Additional hardware supported by this F/W:

None.

2) Specification changes:

None.

3) Fixes:

Unable to connect to the projector via Miracast in specific network environments.

Version 10001606-1003

1) Additional hardware supported by this F/W:

None.

2) Specification changes:

None.

3) Fixes:

- The projector may stop projecting in the case that a user is projecting via Miracast from a Nexus 5.
- Improved projection quality in the case that the image is being projected using QuickProjection via a wireless connection.
- The projector may stop projecting in the case that a user fast-forwards a movie file on DLNA.
- The projector may freeze for a moment in the case that a user is projecting using QuickProjection via a wireless connection.
- The projector may repeatedly stop and resume the projection in the case that a user is projecting via QuickProjection.

Version 10001606-1002

1) Additional hardware supported by this F/W:

None.

2) Specification changes:

None.

3) Fixes

- In rare cases, the projector is not recognized by the DLNA controller.
- The projector becomes unstable if a user immediately removes the USB memory source at the same time the projector begins projecting an image contained on the USB memory source.
- The projector becomes unstable if a user changes the input source when an image is being projected via Miracast.
- Depending on the eco-mode settings, the projector may become unstable when turning the projector on via the power button.
- The projector stops projecting in the case that a user projects an image using QuickProjection via a Macintosh computer and the network connection changes from wireless to wired, or vice versa, during the projection.

Version 10001606-1001

1st Mass production