

RM-LP100 Firmware Update V0200

15th Sep 2017

■ **Added confirmation screen in case setting Auto IP address assign 'Auto'**

Added confirmation screen before the function start to avoid mis-operation

■ **Added MASTER BLACK button**

Enable to adjust master black from RM-LP100 (GY-HM890/HM850/HM660/HM200)
Assignable [master Black] to F1/F2/F3

■ **Added controllable cameras**

New supported camera , GY-HM890/HM850/HM660/HM200 in addition to KY-PZ100

Model No	Firmware Ver.
GY-HM200	over V0310
GY-HM660	over V0110
GY-HM850	over V0305
GY-HM890	over V0305

Find the chart below on controllable setting and functions

Supported function

✓:Supported , N/A: not available ✓:Supported , N/A: not available

		GY-HM200	GY-HM660	GY-HM850 GY-HM890	KY-PZ100
Lever	PAN/TILT	N/A	N/A	N/A	✓
	ZOOM (W/T)	✓	✓	✓ (*1)	✓
Ex. Button	FOCUS/PUSH AUTO	✓	✓	✓ (*1)	✓
F1/F2 DialF1/F2 Dial	WB R/B	✓	✓	✓	✓
	AE LEVEL	✓	✓	✓	✓
	SPEED (PAN/TILT)	✓	✓	✓	✓
	SHUTTER	✓	✓	✓	✓
	GAIN	✓	✓	✓	✓
	IRIS	✓	✓	✓ (*1)	✓
	FOCUS	✓	✓	✓ (*1)	✓
	DETAIL	✓	✓	✓	✓
	MASTER BLACK	✓	✓	✓	N/A
F3 DialF3 Dial	NONE	✓	✓	✓	✓
	ZOOM	✓	✓	✓ (*1)	✓
	IRIS	✓	✓	✓ (*1)	✓
	FOCUS	✓	✓	✓ (*1)	✓
	MASTER BLACK	✓	✓	✓	N/A
USER1 /USER2 button	EXPOSURE	N/A	N/A	N/A	✓
	WHITE BALANCE	✓	✓	✓	✓
	AWB TRIGGER	✓	✓	✓	✓
	FOCUS	✓	✓	✓ (*1)	✓
	STREAMING	✓	✓	✓	✓
	REC	✓	✓	✓	✓
Setting	Preset Position "STORE" / "DELETE"	N/A	N/A	N/A	✓
	Network Camera registration "AUTO"	N/A (*2)	N/A (*2)	N/A (*2)	✓
	Video "ON" / "OFF"	N/A (*2)	N/A (*2)	N/A (*2)	✓
	MENU Control	✓	✓	✓	✓

(*1) Supported only accessory lens by Fujinon

(*2) Shown [Completed] on display of RM-LP100 , but no operation

Notes

1. No function [PAN/TILT]
2. No function [Exposure]
3. No function setting and deleting [Preset position]
4. Not available [Auto assign IP address] . Should be input manually setted IP address of the camera to RM-LP100.
5. No function [Power On/Off] Should be used On/Off switch on the camera
6. In case operating SHUTTER/GAIN/IRIS and WHITE BALANCE, Full Auto mode on the camera should be set Off manually.
Some functions are not available even set Full Auto Off . Find the chart below.

✓:Supported , N/A: not available ✓:Supported , N/A: not available

		Full Auto mode	
Ex. Button		ON	OFF/EEI
	FOCUS/PUSH AUTO	✓✓	✓✓
F1/F2 Dial F1/F2 Dial	WB R/B	✓	A/B/FAW ✓✓
			Preset(PRST) N/A
	AE LEVEL	✓	SHUTTER OFF/EEI ✓✓
			GAIN AGC/ALC ✓✓
			IRIS AUTO ✓✓
	her than above function	N/A	
	SPEED (PAN/TILT)SPEED	✓✓	OO
	SHUTTER	N/A	OFF/EEI N/A
			her than above function ✓✓
	GAIN	N/A	AGC/ALC N/A
her than above function ✓✓			
IRIS	N/A	AUTO N/A	
		MANUAL ✓	
FOCUS	✓	✓(*3)	
DETAIL	✓	✓	
MASTER BLACK	✓	✓	
F3 Dial	NONE	✓	✓
	ZOOM	✓	✓
	IRIS	x	✓
	FOCUS	✓	✓
	MASTER BLACK	✓	✓
USER1 /USER2 button	EXPOSURE	N/A	N/A
	WHITE BALANCE	N/A	✓
	AWB TRIGGER	N/A	✓
	FOCUS	✓	✓
	STREAMING	✓	✓
	REC	✓	✓

(*3) Only GY-HM850/GY-HM890

With GY-HM850/HM890

Should assign other than [AUTO FOCUS] functions to [Auto FOCUS/11] button for controlling focus from RM-LP100.

Default value [Auto Focus]

■ Changed default setting of [LIVE] button

Changed default value at [LIVE](GY-HM890/GY-HM850/GY-HM660/GY-HM200)

KY-PZ100 No change

With GY-HM890/HM850/HM660/HM200)

	LIVE	EXPOSURE	WHITE BALANCE
F1	AE LEVEL	GAIN	WB R
F2	IRIS	SHUTTER	WB B
F3	MASTER BLACK	IRIS	NONE
USER1	FOCUS	EXPOSURE	WB
USER2	REC	STREAMING	AWB TRIGGER

With KY-PZ100 (No change)

	LIVE	EXPOSURE	WHITE BALANCE
F1	AE LEVEL	GAIN	WB R
F2	SPEED	SHUTTER	WB B
F3	NONE	IRIS	NONE
USER1	FOCUS	EXPOSURE	WB
USER2	REC	STREAMING	AWB TRIGGER

■ Supported tally control of Roland V-1SDI

Connect [SERIAL] terminal of RM-LP100 to Tally output of V-1SDI(*4) , and tally information is displayed on RM-LP100
Tally display of connected camera will be available. See instructions manual of each camera on tally display.

(*4)Need accessory converter RS-485/RS-232C for connection between RM-LP100 and V-1SDI

Tally display are available on Camera No 1 to 4 buttons
Tally information will be shown on under LED of the button.

PGM(Program) display pattern



PST(Preview) display pattern

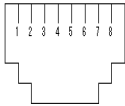


PGM display is prioritized in case PGM and PST are on same button

In case connecting multiple RM-LP100, Only one RM-LP100 should be connected to V-1SDI. Multiple RM-LP100 can share information.
[SERIAL] terminal will be prioritized in case connected both [TALLY] and [SERIAL] terminal.

Notes

1. Set IP address of RM-LP100 , matching Input No. of V-1SDI and Camera No. of RM-LP100.
2. [RS-485] SERIAL terminal



Pin No.	Signal	Pin No.	Signal
1	TX+	5	+5V
2	TX-	6	RX-
3	RX+	7	GND
4	NC	8	GND