This document provides additional assistance with wiring your Extron IP Link Pro Control Processor to your device. Different components may require a different wiring scheme than those listed below.

For complete operating instructions, refer to the user's manual for the specific IP Link Pro Control Processor or the documentation supplied by the manufacturer of the controlled device.

For more information on using Global Scripter Modules, refer to the "Guide to Using Scripter Modules" document.

Device Specifications

Device Type: Camera
Manufacturer: Sony
Firmware Version: N/A
Model(s):   SRG-300H, SRG-300HC, SRG-300H/W, SRG-301H

Tested on the Following Software and Firmware Versions

IP Link Pro Control Processor Firmware	Global Scripter Version
3.15.0000-b004	2.14.0

Version History

Module Version	Date	Notes
1_8_0_0	5/26/2022	• Fixed Iris Direct command. • Fixed issue affecting control and query strings for ethernet control. • Renamed DeviceID driver parameter to Device ID. • Removed Device ID driver parameter from ethernet control. • Fixed status for Ethernet control.
1_7_0_0	11/2/2021	Fixed module status. Updated Daisy chaining standards for Serial module.
1_4_5_0	01/14/2019	Fixed Serial Pin Diagram for RS422 connection.
1_4_4_0	12/07/2018	Fixed Serial Pin Diagram.
1_4_1_3	10/19/2017	Added SerialOverEthernet support.

1_4_1_2	9/5/2017	Updated control and comm sheet notes.
1_4_1_1	4/24/2017	Updated module to support control of multiple cameras. Update Device Reply Port to 0 and added a Server to support camera status.

Module Notes

- Unidirectional variable must be set to 'True' if status is not required. Default value is 'False'.
  ```
  Example: InterfaceName.Unidirectional = 'True'
  ```

- connectionCounter variable must be set to the number of queries that will be sent to the device before displaying 'Disconnected' if no response is received. Default value is 15.
  ```
  Example: InterfaceName.connectionCounter = 5
  ```

- DeviceID variable must be set accordingly. Default value is '1'. DeviceID ranges from '1' to '7', and Broadcast. If Device ID is set to 'Broadcast', status is unavailable.
  ```
  Example: InterfaceName.DeviceID = '1'
  ```

- **Important note for Ethernet only**
  After importing the module, the method StartDataDispatch must be called before instantiating the module object. This method creates and starts the server which is required to obtain status from the device.
  Example:
  ```python
  # Import module
  from sony_camera_SRG_300_Series_v1_7_0_0 import EthernetClass as camera

  # Method call to create/start server
  camera.StartDataDispatch()

  # Module object instantiation
  client1 = camera('192.168.254.1', Model = 'SRG-300H/W')
  client2 = camera('192.168.254.2', Model = 'SRG-300H')
  ```

Supported Classes and Examples

SerialClass
InterfaceName = ModuleName.SerialClass(ProcessorName, 'COM1', Model='SRG-300H')

SerialOverEthernetClass
InterfaceName = ModuleName.SerialOverEthernetClass('192.168.254.254', 2001, Model='SRG-300H')

EthernetClass
InterfaceName = ModuleName.EthernetClass('192.168.254.254', 52381, Model='SRG-300H')

Control Commands (Serial)

Format with Qualifier:
```
InterfaceName.Set(Command, Value, {'Qualifier Key': 'Qualifier Value'})
```

Format without Qualifier:
```
InterfaceName.Set(Command, Value)
```

Command	Value	Value	Value
AutoFocus	'On'	'Off'	
Qualifier Key	Qualifier Value	Qualifier Value	
'Device ID'	'1' – '7'	'Broadcast'	
``# AutoFocus example`` ``InterfaceName.Set('AutoFocus', 'On', {'Device ID': '1'})``			
Command	Value	Value	
BacklightMode	'On'	'Off'	
Qualifier Key	Qualifier Value	Qualifier Value	
'Device ID'	'1' – '7'	'Broadcast'	
``# BacklightMode example`` ``InterfaceName.Set('BacklightMode', 'On', {'Device ID': '1'})``			
Command	Value	Value	Value
Focus	'Far'	'Near'	'Stop'
Qualifier Key	Qualifier Value	Qualifier Value	
'Device ID'	'1' – '7'	'Broadcast'	
Qualifier Key	Qualifier Value		
'Focus Speed'	0 – 7		
``# Focus example`` ``InterfaceName.Set('Focus', 'Far', {'Device ID': '1', 'Focus Speed': 7})``			
Command	Value	Value	Value
Gain	'Up'	'Down'	'Reset'
Qualifier Key	Qualifier Value	Qualifier Value	
'Device ID'	'1' – '7'	'Broadcast'	
``# Gain example`` ``InterfaceName.Set('Gain', 'Up', {'Device ID': '1'})``			
Command	Value		
Home	None		
Qualifier Key	Qualifier Value	Qualifier Value	
'Device ID'	'1' – '7'	'Broadcast'	
``# Home example`` ``InterfaceName.Set('Home', None, {'Device ID': '1'})``			
Command	Value	Value	
InformationDisplay	'On'	'Off'	
Qualifier Key	Qualifier Value	Qualifier Value	
'Device ID'	'1' – '7'	'Broadcast'	
``# InformationDisplay example`` ``InterfaceName.Set('InformationDisplay', 'On', {'Device ID': '1'})``			
Command	Value	Value	
IRReceiver	'On'	'Off'	
Qualifier Key	Qualifier Value	Qualifier Value	
'Device ID'	'1' – '7'	'Broadcast'	
``# IRReceiver example`` ``InterfaceName.Set('IRReceiver', 'On', {'Device ID': '1'})``			

**Global Scripter Module
Communication Sheet**

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Command	Value	Value	Value
Iris	'Up'	'Down'	'Reset'
Qualifier Key	Qualifier Value	Qualifier Value	
'Device ID'	'1' – '7'	'Broadcast'	

# Iris example 	
InterfaceName.Set('Iris', 'Up', {'Device ID': '1'})			

Command	Value		
IrisDirect	None		
Qualifier Key	Qualifier Value	Qualifier Value	
'Device ID'	'1' – '7'	'Broadcast'	
Qualifier Key	Qualifier Value		
'XPos'	0 – 15		
Qualifier Key	Qualifier Value		
'YPos'	0 – 15		

# IrisDirect example 	
InterfaceName.Set('IrisDirect', None, {'Device ID': '1', 'XPos': 15, 'YPos': 15})			

Command	Value	Value	Value
PanTilt	'Up'	'Down'	'Left'
	'Right'	'Up Left'	'Up Right'
	'Down Left'	'Down Right'	'Stop'
Qualifier Key	Qualifier Value	Qualifier Value	
'Device ID'	'1' – '7'	'Broadcast'	
Qualifier Key	Qualifier Value		
'Pan Speed'	1 – 24		
Qualifier Key	Qualifier Value		
'Tilt Speed'	1 to 23 in steps of 1		

# PanTilt example 	
InterfaceName.Set('PanTilt', 'Up', {'Device ID': '1', 'Pan Speed': 24, 'Tilt Speed': 23})			

Command	Value	Value	
Power	'On'	'Off'	
Qualifier Key	Qualifier Value	Qualifier Value	
'Device ID'	'1' – '7'	'Broadcast'	

# Power example 	
InterfaceName.Set('Power', 'On', {'Device ID': '1'})			

Command	Value		
PresetRecall	'1' – '16'		
Qualifier Key	Qualifier Value	Qualifier Value	
'Device ID'	'1' – '7'	'Broadcast'	

# PresetRecall example 	
InterfaceName.Set('PresetRecall', '1', {'Device ID': '1'})			

Command	Value		
PresetReset	'1' – '16'		
Qualifier Key	Qualifier Value	Qualifier Value	
'Device ID'	'1' – '7'	'Broadcast'	

# PresetReset example 	
InterfaceName.Set('PresetReset', '1', {'Device ID': '1'})			

Command	Value		
PresetSave	'1' – '16'		
Qualifier Key	Qualifier Value	Qualifier Value	
'Device ID'	'1' – '7'	'Broadcast'	

# PresetSave example 	
InterfaceName.Set('PresetSave', '1', {'Device ID': '1'})			

**Global Scripter Module
Communication Sheet**

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Command	Value		
ResetPanTilt	None		
Qualifier Key	Qualifier Value	Qualifier Value	
'Device ID'	'1' − '7'	'Broadcast'	

# ResetPanTilt example 	
InterfaceName.Set('ResetPanTilt', None, {'Device ID': '1'})			

Command	Value		
SetAddress	None		

# SetAddress example 	
InterfaceName.Set('SetAddress', None)			

Command	Value	Value	Value
Zoom	'Tele'	'Wide'	'Stop'
Qualifier Key	Qualifier Value	Qualifier Value	
'Device ID'	'1' − '7'	'Broadcast'	
Qualifier Key	Qualifier Value		
'Zoom Speed'	0 − 7		

# Zoom example 	
InterfaceName.Set('Zoom', 'Tele', {'Device ID': '1', 'Zoom Speed': 7})			

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Status Available (Serial)

For all commands, call Update to receive the latest status. ConnectionStatus does not support the Update function and is triggered by the device providing a successful response to other Update function calls.

Format with Qualifier:
```
        InterfaceName.Update(Command, {'Qualifier Key': 'Qualifier Value'})
        Value = InterfaceName.ReadStatus(Command, {'Qualifier Key': 'Qualifier Value'})
        InterfaceName.SubscribeStatus(Command, {'Qualifier Key': 'Qualifier Value'},
FeedbackHandler)
        FeedbackHandler will be called only when the specified qualifier gets a new status.
```

Format without Qualifier:
```
        InterfaceName.Update(Command)
        Value = InterfaceName.ReadStatus(Command)
        InterfaceName.SubscribeStatus(Command, None, FeedbackHandler)
        FeedbackHandler will be called when any qualifier gets a new status.
```

Command	Value	Value
AutoFocus	'On'	'Off'
Qualifier Key	Qualifier Value	Qualifier Value
'Device ID'	'1' – '7'	'Broadcast'

# AutoFocus example 	
InterfaceName.Update('AutoFocus', {'Device ID': '1'})
Value = InterfaceName.ReadStatus('AutoFocus', {'Device ID': '1'})
InterfaceName.SubscribeStatus('AutoFocus', None, FeedbackHandler)		

Command	Value	Value
BacklightMode	'On'	'Off'
Qualifier Key	Qualifier Value	Qualifier Value
'Device ID'	'1' – '7'	'Broadcast'

# BacklightMode example 	
InterfaceName.Update('BacklightMode', {'Device ID': '1'})
Value = InterfaceName.ReadStatus('BacklightMode', {'Device ID': '1'})
InterfaceName.SubscribeStatus('BacklightMode', None, FeedbackHandler)		

Command	Value	Value
ConnectionStatus	'Connected'	'Disconnected'

# ConnectionStatus example 	
Value = InterfaceName.ReadStatus('ConnectionStatus')
InterfaceName.SubscribeStatus('ConnectionStatus', None, FeedbackHandler)		

Command	Value	Value
InformationDisplay	'On'	'Off'
Qualifier Key	Qualifier Value	Qualifier Value
'Device ID'	'1' – '7'	'Broadcast'

# InformationDisplay example 	
InterfaceName.Update('InformationDisplay', {'Device ID': '1'})
Value = InterfaceName.ReadStatus('InformationDisplay', {'Device ID': '1'})
InterfaceName.SubscribeStatus('InformationDisplay', None, FeedbackHandler)		

Command	Value	Value
Power	'On'	'Off'
Qualifier Key	Qualifier Value	Qualifier Value
'Device ID'	'1' – '7'	'Broadcast'

# Power example 	
InterfaceName.Update('Power', {'Device ID': '1'})
Value = InterfaceName.ReadStatus('Power', {'Device ID': '1'})
InterfaceName.SubscribeStatus('Power', None, FeedbackHandler)		

Control Commands (Ethernet)

Format with Qualifier:
```
InterfaceName.Set(Command, Value, {'Qualifier Key': 'Qualifier Value'})
```

Format without Qualifier:
```
InterfaceName.Set(Command, Value)
```

Command	Value	Value	Value
AutoFocus	'On'	'Off'	

# AutoFocus example 	
InterfaceName.Set('AutoFocus', 'On')			

BacklightMode	'On'	'Off'	

# BacklightMode example 	
InterfaceName.Set('BacklightMode', 'On')			

Focus	'Far'	'Near'	'Stop'
Qualifier Key **'Focus Speed'**	Qualifier Value 0 – 7		

# Focus example 	
InterfaceName.Set('Focus', 'Far', {'Focus Speed': 7})			

Gain	'Up'	'Down'	'Reset'

# Gain example 	
InterfaceName.Set('Gain', 'Up')			

Home	None		

# Home example 	
InterfaceName.Set('Home', None)			

InformationDisplay	'On'	'Off'	

# InformationDisplay example 	
InterfaceName.Set('InformationDisplay', 'On')			

IRReceiver	'On'	'Off'	

# IRReceiver example 	
InterfaceName.Set('IRReceiver', 'On')			

Iris	'Up'	'Down'	'Reset'

# Iris example 	
InterfaceName.Set('Iris', 'Up')			

IrisDirect	None		
Qualifier Key **'XPos'**	Qualifier Value 0 – 15		
Qualifier Key **'YPos'**	Qualifier Value 0 – 15		

# IrisDirect example 	
InterfaceName.Set('IrisDirect', None, {'XPos': 15, 'YPos': 15})			

**Global Scripter Module
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Command	Value		Value		Value	
PanTilt	'Up'		'Down'		'Left'	
	'Right'		'Up Left'		'Up Right'	
	'Down Left'		'Down Right'		'Stop'	
Qualifier Key	Qualifier Value					
'Pan Speed'	$1 - 24$					
Qualifier Key	Qualifier Value					
'Tilt Speed'	$1 - 23$					

# PanTilt example 	
InterfaceName.Set('PanTilt', 'Up', {'Pan Speed': 24, 'Tilt Speed': 23})						

Command	Value		Value			
Power	'On'		'Off'			

# Power example 	
InterfaceName.Set('Power', 'On')						

Command	Value					
PresetRecall	'1' $-$ '16'					

# PresetRecall example 	
InterfaceName.Set('PresetRecall', '1')						

Command	Value					
PresetReset	'1' $-$ '16'					

# PresetReset example 	
InterfaceName.Set('PresetReset', '1')						

Command	Value					
PresetSave	'1' $-$ '16'					

# PresetSave example 	
InterfaceName.Set('PresetSave', '1')						

Command	Value					
ResetPanTilt	None					

# ResetPanTilt example 	
InterfaceName.Set('ResetPanTilt', None)						

Command	Value		Value		Value	
Zoom	'Tele'		'Wide'		'Stop'	
Qualifier Key	Qualifier Value					
'Zoom Speed'	$0 - 7$					

# Zoom example 	
InterfaceName.Set('Zoom', 'Tele', {'Zoom Speed': 7})						

Status Available (Ethernet)

For all commands, call Update to receive the latest status. ConnectionStatus does not support the Update function and is triggered by the device providing a successful response to other Update function calls.

Format with Qualifier:
```
        InterfaceName.Update(Command, {'Qualifier Key': 'Qualifier Value'})
        Value = InterfaceName.ReadStatus(Command, {'Qualifier Key': 'Qualifier Value'})
        InterfaceName.SubscribeStatus(Command, {'Qualifier Key': 'Qualifier Value'},
FeedbackHandler)
        FeedbackHandler will be called only when the specified qualifier gets a new status.
```

Format without Qualifier:
```
        InterfaceName.Update(Command)
        Value = InterfaceName.ReadStatus(Command)
        InterfaceName.SubscribeStatus(Command, None, FeedbackHandler)
        FeedbackHandler will be called when any qualifier gets a new status.
```

Command	Value	Value
AutoFocus	'On'	'Off'

```# AutoFocus example```
```InterfaceName.Update('AutoFocus')```
```Value = InterfaceName.ReadStatus('AutoFocus')```
```InterfaceName.SubscribeStatus('AutoFocus', None, FeedbackHandler)```		

BacklightMode	'On'	'Off'

```# BacklightMode example```
```InterfaceName.Update('BacklightMode')```
```Value = InterfaceName.ReadStatus('BacklightMode')```
```InterfaceName.SubscribeStatus('BacklightMode', None, FeedbackHandler)```		

ConnectionStatus	'Connected'	'Disconnected'

```# ConnectionStatus example```
```Value = InterfaceName.ReadStatus('ConnectionStatus')```
```InterfaceName.SubscribeStatus('ConnectionStatus', None, FeedbackHandler)```		

InformationDisplay	'On'	'Off'

```# InformationDisplay example```
```InterfaceName.Update('InformationDisplay')```
```Value = InterfaceName.ReadStatus('InformationDisplay')```
```InterfaceName.SubscribeStatus('InformationDisplay', None, FeedbackHandler)```		

Power	'On'	'Off'

```# Power example```
```InterfaceName.Update('Power')```
```Value = InterfaceName.ReadStatus('Power')```
```InterfaceName.SubscribeStatus('Power', None, FeedbackHandler)```		

Cable and Adapter Requirements
(RS-232) Captive Screw to Male Mini-DIN 8-Pin RS-232 Serial Cable
(RS-422) Captive Screw to VISCA RS-422 connector plug

Notes for the Device
To ensure the functionality of the module, please set the following DIP switches on the camera:
- 1: OFF (VISCA control)
- 2: RS-232 (OFF) / RS-422 (ON)
- 3: 9600 bps (OFF) / 38400 bps (ON)

Serial communication

Port Type:	RS-232, RS-422	**Parity:**	None
Baud Rate:	9600	**Stop Bits:**	One
Data Bits:	8	**Flow Control:**	None

Pin Assignments Diagram

RS-232:
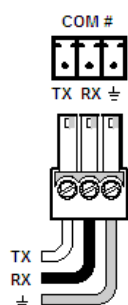
Signal	Main Cable	Pin	Signal
TxD	→	5	RxD
RxD	←	3	TxD
GND	—	4	GND

RS-422:
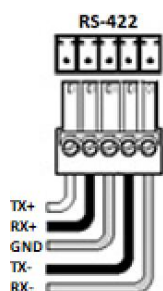
Signal	Main Cable	Pin	Signal
Tx+	→	4	Rx-
Rx+	←	2	Tx-
Gnd	—	5	Gnd
Tx-	→	3	Rx+
Rx-	←	1	Tx+
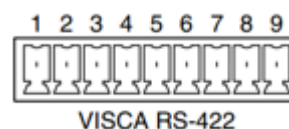
Network communication

When configuring the Ethernet module, be sure device settings match those of the Global Scripter ethernet interface.

Port Type:	Ethernet (UDP)
Device Listen Port:	52381
Device Reply Port:	52381
Logon Credentials Supported:	No
Multi-Connection Capabilities:	Yes
Listen Port Changeability:	Yes
Reply Port Changeability:	Yes

Ethernet Module Configuration Description

- Please refer to user manual for settings and changes to the network communication parameters such as Port Number.
- When using multiple UDP modules within the same configuration each driver should have a unique 'Reply on Port' number due to the nature of UDP communication. If you have a driver with a fixed 'Reply on Port' number, only one instance of the driver can be used within the configuration.

Notes for the Device

To ensure the functionality of the module, please set DIP switch 1 on the camera to ON. For ROM Versions of 2.10 use the Device Reply Port of 52381. For ROM Versions below 2.10 use the Device Reply Port 52380 and if not successful use 52381.

Appendix A. Set Commands(Serial)

Auto Focus Off Device ID 1	\x81\x01\x048\x03\xFF
Auto Focus Off Device ID 7	\x87\x01\x048\x03\xFF
Auto Focus On Device ID 1	\x81\x01\x048\x02\xFF
Auto Focus On Device ID 7	\x87\x01\x048\x02\xFF
Backlight Mode Off Device ID 1	\x81\x01\x043\x03\xFF
Backlight Mode Off Device ID 7	\x87\x01\x043\x03\xFF
Backlight Mode On Device ID 1	\x81\x01\x043\x02\xFF
Backlight Mode On Device ID 7	\x87\x01\x043\x02\xFF
Focus Far Device ID 1 Focus Speed 0	\x81\x01\x04\x08 \xFF
Focus Far Device ID 1 Focus Speed 7	\x81\x01\x04\x08'\xFF
Focus Far Device ID 7 Focus Speed 0	\x87\x01\x04\x08 \xFF
Focus Far Device ID 7 Focus Speed 7	\x87\x01\x04\x08'\xFF
Focus Near Device ID 1 Focus Speed 0	\x81\x01\x04\x080\xFF
Focus Near Device ID 1 Focus Speed 7	\x81\x01\x04\x087\xFF
Focus Near Device ID 7 Focus Speed 0	\x87\x01\x04\x080\xFF
Focus Near Device ID 7 Focus Speed 7	\x87\x01\x04\x087\xFF
Focus Stop Device ID 1 Focus Speed 0	\x81\x01\x04\x08\x00\xFF
Focus Stop Device ID 1 Focus Speed 7	\x81\x01\x04\x08\x00\xFF
Focus Stop Device ID 7 Focus Speed 0	\x87\x01\x04\x08\x00\xFF
Focus Stop Device ID 7 Focus Speed 7	\x87\x01\x04\x08\x00\xFF
Gain Down Device ID 1	\x81\x01\x04\x0C\x03\xFF
Gain Down Device ID 7	\x87\x01\x04\x0C\x03\xFF
Gain Reset Device ID 1	\x81\x01\x04\x0C\x00\xFF
Gain Reset Device ID 7	\x87\x01\x04\x0C\x00\xFF
Gain Up Device ID 1	\x81\x01\x04\x0C\x02\xFF
Gain Up Device ID 7	\x87\x01\x04\x0C\x02\xFF
Home None Device ID 1	\x81\x01\x06\x04\xFF
Home None Device ID 7	\x87\x01\x06\x04\xFF
Information Display Off Device ID 1	\x81\x01~\x01\x18\x03\xFF
Information Display Off Device ID 7	\x87\x01~\x01\x18\x03\xFF
Information Display On Device ID 1	\x81\x01~\x01\x18\x02\xFF
Information Display On Device ID 7	\x87\x01~\x01\x18\x02\xFF
IR Receiver Off Device ID 1	\x81\x01\x06\x08\x03\xFF
IR Receiver Off Device ID 7	\x87\x01\x06\x08\x03\xFF
IR Receiver On Device ID 1	\x81\x01\x06\x08\x02\xFF
IR Receiver On Device ID 7	\x87\x01\x06\x08\x02\xFF
Iris Direct None Device ID 1 XPos 0 YPos 0	\x81\x01\x04K\x00\x00\x00\x00\xFF
Iris Direct None Device ID 1 XPos 0 YPos 15	\x81\x01\x04K\x00\x00\x00\x0F\xFF
Iris Direct None Device ID 1 XPos 15 YPos 0	\x81\x01\x04K\x00\x00\x0F\x00\xFF
Iris Direct None Device ID 1 XPos 15 YPos 15	\x81\x01\x04K\x00\x00\x0F\x0F\xFF
Iris Direct None Device ID 7 XPos 0 YPos 0	\x87\x01\x04K\x00\x00\x00\x00\xFF
Iris Direct None Device ID 7 XPos 0 YPos 15	\x87\x01\x04K\x00\x00\x00\x0F\xFF

**Global Scripter Module
Communication Sheet**

Iris Direct None Device ID 7 XPos 15 YPos 0	\x87\x01\x04K\x00\x00\x0F\x00\xFF
Iris Direct None Device ID 7 XPos 15 YPos 15	\x87\x01\x04K\x00\x00\x0F\x0F\xFF
Iris Down Device ID 1	\x81\x01\x04\x0B\x03\xFF
Iris Down Device ID 7	\x87\x01\x04\x0B\x03\xFF
Iris Reset Device ID 1	\x81\x01\x04\x0B\x00\xFF
Iris Reset Device ID 7	\x87\x01\x04\x0B\x00\xFF
Iris Up Device ID 1	\x81\x01\x04\x0B\x02\xFF
Iris Up Device ID 7	\x87\x01\x04\x0B\x02\xFF
Pan Tilt Down Device ID 1 Pan Speed 1 Tilt Speed 1	\x81\x01\x06\x01\x01\x01\x03\x02\xFF
Pan Tilt Down Device ID 1 Pan Speed 1 Tilt Speed 23	\x81\x01\x06\x01\x01\x17\x03\x02\xFF
Pan Tilt Down Device ID 1 Pan Speed 24 Tilt Speed 1	\x81\x01\x06\x01\x18\x01\x03\x02\xFF
Pan Tilt Down Device ID 1 Pan Speed 24 Tilt Speed 23	\x81\x01\x06\x01\x18\x17\x03\x02\xFF
Pan Tilt Down Device ID 7 Pan Speed 1 Tilt Speed 1	\x87\x01\x06\x01\x01\x01\x03\x02\xFF
Pan Tilt Down Device ID 7 Pan Speed 1 Tilt Speed 23	\x87\x01\x06\x01\x01\x17\x03\x02\xFF
Pan Tilt Down Device ID 7 Pan Speed 24 Tilt Speed 1	\x87\x01\x06\x01\x18\x01\x03\x02\xFF
Pan Tilt Down Device ID 7 Pan Speed 24 Tilt Speed 23	\x87\x01\x06\x01\x18\x17\x03\x02\xFF
Pan Tilt Down Left Device ID 1 Pan Speed 1 Tilt Speed 1	\x81\x01\x06\x01\x01\x01\x01\x02\xFF
Pan Tilt Down Left Device ID 1 Pan Speed 1 Tilt Speed 23	\x81\x01\x06\x01\x01\x17\x01\x02\xFF
Pan Tilt Down Left Device ID 1 Pan Speed 24 Tilt Speed 1	\x81\x01\x06\x01\x18\x01\x01\x02\xFF
Pan Tilt Down Left Device ID 1 Pan Speed 24 Tilt Speed 23	\x81\x01\x06\x01\x18\x17\x01\x02\xFF
Pan Tilt Down Left Device ID 7 Pan Speed 1 Tilt Speed 1	\x87\x01\x06\x01\x01\x01\x01\x02\xFF
Pan Tilt Down Left Device ID 7 Pan Speed 1 Tilt Speed 23	\x87\x01\x06\x01\x01\x17\x01\x02\xFF
Pan Tilt Down Left Device ID 7 Pan Speed 24 Tilt Speed 1	\x87\x01\x06\x01\x18\x01\x01\x02\xFF
Pan Tilt Down Left Device ID 7 Pan Speed 24 Tilt Speed 23	\x87\x01\x06\x01\x18\x17\x01\x02\xFF
Pan Tilt Down Right Device ID 1 Pan Speed 1 Tilt Speed 1	\x81\x01\x06\x01\x01\x01\x02\x02\xFF
Pan Tilt Down Right Device ID 1 Pan Speed 1 Tilt Speed 23	\x81\x01\x06\x01\x01\x17\x02\x02\xFF
Pan Tilt Down Right Device ID 1 Pan Speed 24 Tilt Speed 1	\x81\x01\x06\x01\x18\x01\x02\x02\xFF
Pan Tilt Down Right Device ID 1 Pan Speed 24 Tilt Speed 23	\x81\x01\x06\x01\x18\x17\x02\x02\xFF
Pan Tilt Down Right Device ID 7 Pan Speed 1 Tilt Speed 1	\x87\x01\x06\x01\x01\x01\x02\x02\xFF
Pan Tilt Down Right Device ID 7 Pan Speed 1 Tilt Speed 23	\x87\x01\x06\x01\x01\x17\x02\x02\xFF

Pan Tilt Down Right Device ID 7 Pan Speed 24 Tilt Speed 1	\x87\x01\x06\x01\x18\x01\x02\x02\xFF
Pan Tilt Down Right Device ID 7 Pan Speed 24 Tilt Speed 23	\x87\x01\x06\x01\x18\x17\x02\x02\xFF
Pan Tilt Left Device ID 1 Pan Speed 1 Tilt Speed 1	\x81\x01\x06\x01\x01\x01\x01\x03\xFF
Pan Tilt Left Device ID 1 Pan Speed 1 Tilt Speed 23	\x81\x01\x06\x01\x01\x17\x01\x03\xFF
Pan Tilt Left Device ID 1 Pan Speed 24 Tilt Speed 1	\x81\x01\x06\x01\x18\x01\x01\x03\xFF
Pan Tilt Left Device ID 1 Pan Speed 24 Tilt Speed 23	\x81\x01\x06\x01\x18\x17\x01\x03\xFF
Pan Tilt Left Device ID 7 Pan Speed 1 Tilt Speed 1	\x87\x01\x06\x01\x01\x01\x01\x03\xFF
Pan Tilt Left Device ID 7 Pan Speed 1 Tilt Speed 23	\x87\x01\x06\x01\x01\x17\x01\x03\xFF
Pan Tilt Left Device ID 7 Pan Speed 24 Tilt Speed 1	\x87\x01\x06\x01\x18\x01\x01\x03\xFF
Pan Tilt Left Device ID 7 Pan Speed 24 Tilt Speed 23	\x87\x01\x06\x01\x18\x17\x01\x03\xFF
Pan Tilt Right Device ID 1 Pan Speed 1 Tilt Speed 1	\x81\x01\x06\x01\x01\x01\x02\x03\xFF
Pan Tilt Right Device ID 1 Pan Speed 1 Tilt Speed 23	\x81\x01\x06\x01\x01\x17\x02\x03\xFF
Pan Tilt Right Device ID 1 Pan Speed 24 Tilt Speed 1	\x81\x01\x06\x01\x18\x01\x02\x03\xFF
Pan Tilt Right Device ID 1 Pan Speed 24 Tilt Speed 23	\x81\x01\x06\x01\x18\x17\x02\x03\xFF
Pan Tilt Right Device ID 7 Pan Speed 1 Tilt Speed 1	\x87\x01\x06\x01\x01\x01\x02\x03\xFF
Pan Tilt Right Device ID 7 Pan Speed 1 Tilt Speed 23	\x87\x01\x06\x01\x01\x17\x02\x03\xFF
Pan Tilt Right Device ID 7 Pan Speed 24 Tilt Speed 1	\x87\x01\x06\x01\x18\x01\x02\x03\xFF
Pan Tilt Right Device ID 7 Pan Speed 24 Tilt Speed 23	\x87\x01\x06\x01\x18\x17\x02\x03\xFF
Pan Tilt Stop Device ID 1 Pan Speed 1 Tilt Speed 1	\x81\x01\x06\x01\x01\x01\x03\x03\xFF
Pan Tilt Stop Device ID 1 Pan Speed 1 Tilt Speed 23	\x81\x01\x06\x01\x01\x17\x03\x03\xFF
Pan Tilt Stop Device ID 1 Pan Speed 24 Tilt Speed 1	\x81\x01\x06\x01\x18\x01\x03\x03\xFF
Pan Tilt Stop Device ID 1 Pan Speed 24 Tilt Speed 23	\x81\x01\x06\x01\x18\x17\x03\x03\xFF
Pan Tilt Stop Device ID 7 Pan Speed 1 Tilt Speed 1	\x87\x01\x06\x01\x01\x01\x03\x03\xFF
Pan Tilt Stop Device ID 7 Pan Speed 1 Tilt Speed 23	\x87\x01\x06\x01\x01\x17\x03\x03\xFF
Pan Tilt Stop Device ID 7 Pan Speed 24 Tilt Speed 1	\x87\x01\x06\x01\x18\x01\x03\x03\xFF
Pan Tilt Stop Device ID 7 Pan Speed 24 Tilt Speed 23	\x87\x01\x06\x01\x18\x17\x03\x03\xFF
Pan Tilt Up Device ID 1 Pan Speed 1 Tilt Speed 1	\x81\x01\x06\x01\x01\x01\x03\x01\xFF
Pan Tilt Up Device ID 1 Pan Speed 1 Tilt Speed 23	\x81\x01\x06\x01\x01\x17\x03\x01\xFF
Pan Tilt Up Device ID 1 Pan Speed 24 Tilt Speed 1	\x81\x01\x06\x01\x18\x01\x03\x01\xFF
Pan Tilt Up Device ID 1 Pan Speed 24 Tilt Speed 23	\x81\x01\x06\x01\x18\x17\x03\x01\xFF
Pan Tilt Up Device ID 7 Pan Speed 1 Tilt Speed 1	\x87\x01\x06\x01\x01\x01\x03\x01\xFF
Pan Tilt Up Device ID 7 Pan Speed 1 Tilt Speed 23	\x87\x01\x06\x01\x01\x17\x03\x01\xFF
Pan Tilt Up Device ID 7 Pan Speed 24 Tilt Speed 1	\x87\x01\x06\x01\x18\x01\x03\x01\xFF
Pan Tilt Up Device ID 7 Pan Speed 24 Tilt Speed 23	\x87\x01\x06\x01\x18\x17\x03\x01\xFF
Pan Tilt Up Left Device ID 1 Pan Speed 1 Tilt Speed 1	\x81\x01\x06\x01\x01\x01\x01\x01\xFF
Pan Tilt Up Left Device ID 1 Pan Speed 1 Tilt Speed 23	\x81\x01\x06\x01\x01\x17\x01\x01\xFF
Pan Tilt Up Left Device ID 1 Pan Speed 24 Tilt Speed 1	\x81\x01\x06\x01\x18\x01\x01\x01\xFF
Pan Tilt Up Left Device ID 1 Pan Speed 24 Tilt Speed 23	\x81\x01\x06\x01\x18\x17\x01\x01\xFF
Pan Tilt Up Left Device ID 7 Pan Speed 1 Tilt Speed 1	\x87\x01\x06\x01\x01\x01\x01\x01\xFF
Pan Tilt Up Left Device ID 7 Pan Speed 1 Tilt Speed	\x87\x01\x06\x01\x01\x17\x01\x01\xFF

23	
Pan Tilt Up Left Device ID 7 Pan Speed 24 Tilt Speed 1	\x87\x01\x06\x01\x18\x01\x01\x01\xFF
Pan Tilt Up Left Device ID 7 Pan Speed 24 Tilt Speed 23	\x87\x01\x06\x01\x18\x17\x01\x01\xFF
Pan Tilt Up Right Device ID 1 Pan Speed 1 Tilt Speed 1	\x81\x01\x06\x01\x01\x01\x02\x01\xFF
Pan Tilt Up Right Device ID 1 Pan Speed 1 Tilt Speed 23	\x81\x01\x06\x01\x01\x17\x02\x01\xFF
Pan Tilt Up Right Device ID 1 Pan Speed 24 Tilt Speed 1	\x81\x01\x06\x01\x18\x01\x02\x01\xFF
Pan Tilt Up Right Device ID 1 Pan Speed 24 Tilt Speed 23	\x81\x01\x06\x01\x18\x17\x02\x01\xFF
Pan Tilt Up Right Device ID 7 Pan Speed 1 Tilt Speed 1	\x87\x01\x06\x01\x01\x01\x02\x01\xFF
Pan Tilt Up Right Device ID 7 Pan Speed 1 Tilt Speed 23	\x87\x01\x06\x01\x01\x17\x02\x01\xFF
Pan Tilt Up Right Device ID 7 Pan Speed 24 Tilt Speed 1	\x87\x01\x06\x01\x18\x01\x02\x01\xFF
Pan Tilt Up Right Device ID 7 Pan Speed 24 Tilt Speed 23	\x87\x01\x06\x01\x18\x17\x02\x01\xFF
Power Off Device ID 1	\x81\x01\x04\x00\x03\xFF
Power Off Device ID 7	\x87\x01\x04\x00\x03\xFF
Power On Device ID 1	\x81\x01\x04\x00\x02\xFF
Power On Device ID 7	\x87\x01\x04\x00\x02\xFF
Preset Recall 1 Device ID 1	\x81\x01\x04?\x02\x00\xFF
Preset Recall 1 Device ID 7	\x87\x01\x04?\x02\x00\xFF
Preset Recall 16 Device ID 1	\x81\x01\x04?\x02\x0F\xFF
Preset Recall 16 Device ID 7	\x87\x01\x04?\x02\x0F\xFF
Preset Reset 1 Device ID 1	\x81\x01\x04?\x00\x00\xFF
Preset Reset 1 Device ID 7	\x87\x01\x04?\x00\x00\xFF
Preset Reset 16 Device ID 1	\x81\x01\x04?\x00\x0F\xFF
Preset Reset 16 Device ID 7	\x87\x01\x04?\x00\x0F\xFF
Preset Save 1 Device ID 1	\x81\x01\x04?\x01\x00\xFF
Preset Save 1 Device ID 7	\x87\x01\x04?\x01\x00\xFF
Preset Save 16 Device ID 1	\x81\x01\x04?\x01\x0F\xFF
Preset Save 16 Device ID 7	\x87\x01\x04?\x01\x0F\xFF
Reset Pan Tilt None Device ID 1	\x81\x01\x06\x05\xFF
Reset Pan Tilt None Device ID 7	\x87\x01\x06\x05\xFF
Set Address None	\x880\x01\xFF
Zoom Stop Device ID 1 Zoom Speed 0	\x81\x01\x04\x07\x00\xFF
Zoom Stop Device ID 1 Zoom Speed 7	\x81\x01\x04\x07\x00\xFF
Zoom Stop Device ID 7 Zoom Speed 0	\x87\x01\x04\x07\x00\xFF
Zoom Stop Device ID 7 Zoom Speed 7	\x87\x01\x04\x07\x00\xFF
Zoom Tele Device ID 1 Zoom Speed 0	\x81\x01\x04\x07 \xFF

**Global Scripter Module
Communication Sheet**

Zoom Tele Device ID 1 Zoom Speed 7	`\x81\x01\x04\x07'\xFF`
Zoom Tele Device ID 7 Zoom Speed 0	`\x87\x01\x04\x07 \xFF`
Zoom Tele Device ID 7 Zoom Speed 7	`\x87\x01\x04\x07'\xFF`
Zoom Wide Device ID 1 Zoom Speed 0	`\x81\x01\x04\x070\xFF`
Zoom Wide Device ID 1 Zoom Speed 7	`\x81\x01\x04\x077\xFF`
Zoom Wide Device ID 7 Zoom Speed 0	`\x87\x01\x04\x070\xFF`
Zoom Wide Device ID 7 Zoom Speed 7	`\x87\x01\x04\x077\xFF`

Appendix B. Update Commands(Serial)

Auto Focus Device ID 1	`\x81\x09\x048\xFF`
Auto Focus Device ID 7	`\x87\x09\x048\xFF`
Backlight Mode Device ID 1	`\x81\x09\x043\xFF`
Backlight Mode Device ID 7	`\x87\x09\x043\xFF`
Information Display Device ID 1	`\x81\x09~\x01\x18\xFF`
Information Display Device ID 7	`\x87\x09~\x01\x18\xFF`

Appendix C. Set Commands(Ethernet)

Auto Focus Off	\x01\x00\x00\x06\x00\x00\x00\x01\x81\x01\x048\x03\xFF
Auto Focus On	\x01\x00\x00\x06\x00\x00\x00\x02\x81\x01\x048\x02\xFF
Backlight Mode Off	\x01\x00\x00\x06\x00\x00\x00\x03\x81\x01\x043\x03\xFF
Backlight Mode On	\x01\x00\x00\x06\x00\x00\x00\x04\x81\x01\x043\x02\xFF
Focus Far Focus Speed 0	\x01\x00\x00\x06\x00\x00\x00\x05\x81\x01\x04\x08 \xFF
Focus Far Focus Speed 7	\x01\x00\x00\x06\x00\x00\x00\x08\x81\x01\x04\x08'\xFF
Focus Near Focus Speed 0	\x01\x00\x00\x06\x00\x00\x00\x06\x81\x01\x04\x080\xFF
Focus Near Focus Speed 7	\x01\x00\x00\x06\x00\x00\x00\x09\x81\x01\x04\x087\xFF
Focus Stop Focus Speed 0	\x01\x00\x00\x06\x00\x00\x00\x07\x81\x01\x04\x08\x00\xFF
Focus Stop Focus Speed 7	\x01\x00\x00\x06\x00\x00\x00\x0A\x81\x01\x04\x08\x00\xFF
Gain Down	\x01\x00\x00\x06\x00\x00\x00\x0B\x81\x01\x04\x0C\x03\xFF
Gain Reset	\x01\x00\x00\x06\x00\x00\x00\x0C\x81\x01\x04\x0C\x00\xFF
Gain Up	\x01\x00\x00\x06\x00\x00\x00\x0D\x81\x01\x04\x0C\x02\xFF
Home None	\x01\x00\x00\x05\x00\x00\x00\x0E\x81\x01\x06\x04\xFF
Information Display Off	\x01\x00\x00\x07\x00\x00\x00\x11\x81\x01~\x01\x18\x03\xFF
Information Display On	\x01\x00\x00\x07\x00\x00\x00\x12\x81\x01~\x01\x18\x02\xFF
IR Receiver Off	\x01\x00\x00\x06\x00\x00\x00\x0F\x81\x01\x06\x08\x03\xFF
IR Receiver On	\x01\x00\x00\x06\x00\x00\x00\x10\x81\x01\x06\x08\x02\xFF
Iris Direct None XPos 0 YPos 0	\x01\x00\x00\x09\x00\x00\x00\x16\x81\x01\x04L\x00\x00\x00\x00\xFF
Iris Direct None XPos 0 YPos 15	\x01\x00\x00\x09\x00\x00\x00\x17\x81\x01\x04L\x00\x00\x00\x0F\xFF
Iris Direct None XPos 15 YPos 0	\x01\x00\x00\x09\x00\x00\x00\x18\x81\x01\x04L\x00\x00\x0F\x00\xFF
Iris Direct None XPos 15 YPos 15	\x01\x00\x00\x09\x00\x00\x00\x19\x81\x01\x04L\x00\x00\x0F\x0F\xFF
Iris Down	\x01\x00\x00\x06\x00\x00\x00\x13\x81\x01\x04\x0B\x03\xFF
Iris Reset	\x01\x00\x00\x06\x00\x00\x00\x14\x81\x01\x04\x0B\x00\xFF
Iris Up	\x01\x00\x00\x06\x00\x00\x00\x15\x81\x01\x04\x0B\x02\xFF
Pan Tilt Down Left Pan Speed 1 Tilt Speed 1	\x01\x00\x00\x09\x00\x00\x00\x1B\x81\x01\x06\x01\x01\x01\x01\x02\xFF
Pan Tilt Down Left Pan Speed 1 Tilt Speed 23	\x01\x00\x00\x09\x00\x00\x00$\x81\x01\x06\x01\x01\x17\x01\x02\xFF
Pan Tilt Down Left Pan Speed 24 Tilt Speed 1	\x01\x00\x00\x09\x00\x00\x00-\x81\x01\x06\x01\x18\x01\x01\x02\xFF
Pan Tilt Down Left Pan Speed 24 Tilt Speed 23	\x01\x00\x00\x09\x00\x00\x006\x81\x01\x06\x01\x18\x17\x01\x02\xFF
Pan Tilt Down Pan Speed 1 Tilt Speed 1	\x01\x00\x00\x09\x00\x00\x00\x1A\x81\x01\x06\x01\x01\x01\x03\x02\xFF
Pan Tilt Down Pan Speed 1 Tilt Speed 23	\x01\x00\x00\x09\x00\x00\x00#\x81\x01\x06\x01\x01\x17\x03\x02\xFF
Pan Tilt Down Pan Speed 24 Tilt Speed 1	\x01\x00\x00\x09\x00\x00\x00,\x81\x01\x06\x01\x18\x01\x03\x02\xFF
Pan Tilt Down Pan Speed 24 Tilt Speed 23	\x01\x00\x00\x09\x00\x00\x005\x81\x01\x06\x01\x18\x17\x03\x02\xFF
Pan Tilt Down Right Pan Speed 1 Tilt Speed 1	\x01\x00\x00\x09\x00\x00\x00\x1C\x81\x01\x06\x01\x01\x01\x02\x02\xFF

Pan Tilt Down Right Pan Speed 1 Tilt Speed 23	\x01\x00\x00\x09\x00\x00\x00%\x81\x01\x06\x01\x01\x17\x02\x02\xFF
Pan Tilt Down Right Pan Speed 24 Tilt Speed 1	\x01\x00\x00\x09\x00\x00\x00.\x81\x01\x06\x01\x18\x01\x02\x02\xFF
Pan Tilt Down Right Pan Speed 24 Tilt Speed 23	\x01\x00\x00\x09\x00\x00\x007\x81\x01\x06\x01\x18\x17\x02\x02\xFF
Pan Tilt Left Pan Speed 1 Tilt Speed 1	\x01\x00\x00\x09\x00\x00\x00\x1D\x81\x01\x06\x01\x01\x01\x01\x03\xFF
Pan Tilt Left Pan Speed 1 Tilt Speed 23	\x01\x00\x00\x09\x00\x00\x00&\x81\x01\x06\x01\x01\x17\x01\x03\xFF
Pan Tilt Left Pan Speed 24 Tilt Speed 1	\x01\x00\x00\x09\x00\x00\x00/\x81\x01\x06\x01\x18\x01\x01\x03\xFF
Pan Tilt Left Pan Speed 24 Tilt Speed 23	\x01\x00\x00\x09\x00\x00\x008\x81\x01\x06\x01\x18\x17\x01\x03\xFF
Pan Tilt Right Pan Speed 1 Tilt Speed 1	\x01\x00\x00\x09\x00\x00\x00\x1E\x81\x01\x06\x01\x01\x01\x02\x03\xFF
Pan Tilt Right Pan Speed 1 Tilt Speed 23	\x01\x00\x00\x09\x00\x00\x00'\x81\x01\x06\x01\x01\x17\x02\x03\xFF
Pan Tilt Right Pan Speed 24 Tilt Speed 1	\x01\x00\x00\x09\x00\x00\x000\x81\x01\x06\x01\x18\x01\x02\x03\xFF
Pan Tilt Right Pan Speed 24 Tilt Speed 23	\x01\x00\x00\x09\x00\x00\x009\x81\x01\x06\x01\x18\x17\x02\x03\xFF
Pan Tilt Stop Pan Speed 1 Tilt Speed 1	\x01\x00\x00\x09\x00\x00\x00\x1F\x81\x01\x06\x01\x01\x01\x03\x03\xFF
Pan Tilt Stop Pan Speed 1 Tilt Speed 23	\x01\x00\x00\x09\x00\x00\x00(\x81\x01\x06\x01\x01\x17\x03\x03\xFF
Pan Tilt Stop Pan Speed 24 Tilt Speed 1	\x01\x00\x00\x09\x00\x00\x001\x81\x01\x06\x01\x18\x01\x03\x03\xFF
Pan Tilt Stop Pan Speed 24 Tilt Speed 23	\x01\x00\x00\x09\x00\x00\x00:\x81\x01\x06\x01\x18\x17\x03\x03\xFF
Pan Tilt Up Left Pan Speed 1 Tilt Speed 1	\x01\x00\x00\x09\x00\x00\x00!\x81\x01\x06\x01\x01\x01\x01\x01\xFF
Pan Tilt Up Left Pan Speed 1 Tilt Speed 23	\x01\x00\x00\x09\x00\x00\x00*\x81\x01\x06\x01\x01\x17\x01\x01\xFF
Pan Tilt Up Left Pan Speed 24 Tilt Speed 1	\x01\x00\x00\x09\x00\x00\x003\x81\x01\x06\x01\x18\x01\x01\x01\xFF
Pan Tilt Up Left Pan Speed 24 Tilt Speed 23	\x01\x00\x00\x09\x00\x00\x00<\x81\x01\x06\x01\x18\x17\x01\x01\xFF
Pan Tilt Up Pan Speed 1 Tilt Speed 1	\x01\x00\x00\x09\x00\x00\x00 \x81\x01\x06\x01\x01\x01\x03\x01\xFF
Pan Tilt Up Pan Speed 1 Tilt Speed 23	\x01\x00\x00\x09\x00\x00\x00)\x81\x01\x06\x01\x01\x17\x03\x01\xFF
Pan Tilt Up Pan Speed 24 Tilt Speed 1	\x01\x00\x00\x09\x00\x00\x002\x81\x01\x06\x01\x18\x01\x03\x01\xFF
Pan Tilt Up Pan Speed 24 Tilt Speed 23	\x01\x00\x00\x09\x00\x00\x00;\x81\x01\x06\x01\x18\x17\x03\x01\xFF
Pan Tilt Up Right Pan Speed 1	\x01\x00\x00\x09\x00\x00\x00"\x81\x01\x06\x01\x01\x01\x02\x01\xFF

Tilt Speed 1	
Pan Tilt Up Right Pan Speed 1 Tilt Speed 23	\x01\x00\x00\x09\x00\x00\x00+\x81\x01\x06\x01\x01\x17\x02\x01\xFF
Pan Tilt Up Right Pan Speed 24 Tilt Speed 1	\x01\x00\x00\x09\x00\x00\x004\x81\x01\x06\x01\x18\x01\x02\x01\xFF
Pan Tilt Up Right Pan Speed 24 Tilt Speed 23	\x01\x00\x00\x09\x00\x00\x00=\x81\x01\x06\x01\x18\x17\x02\x01\xFF
Power Off	\x01\x00\x00\x06\x00\x00\x00>\x81\x01\x04\x00\x03\xFF
Power On	\x01\x00\x00\x06\x00\x00\x00?\x81\x01\x04\x00\x02\xFF
Preset Recall 1	\x01\x00\x00\x07\x00\x00\x00@\x81\x01\x04?\x02\x00\xFF
Preset Recall 16	\x01\x00\x00\x07\x00\x00\x00A\x81\x01\x04?\x02\x0F\xFF
Preset Reset 1	\x01\x00\x00\x07\x00\x00\x00B\x81\x01\x04?\x00\x00\xFF
Preset Reset 16	\x01\x00\x00\x07\x00\x00\x00C\x81\x01\x04?\x00\x0F\xFF
Preset Save 1	\x01\x00\x00\x07\x00\x00\x00D\x81\x01\x04?\x01\x00\xFF
Preset Save 16	\x01\x00\x00\x07\x00\x00\x00D\x81\x01\x04?\x01\x0F\xFF
Reset Pan Tilt None	\x01\x00\x00\x05\x00\x00\x00D\x81\x01\x06\x05\xFF
Zoom Stop Zoom Speed 0	\x01\x00\x00\x06\x00\x00\x00E\x81\x01\x04\x07\x00\xFF
Zoom Stop Zoom Speed 7	\x01\x00\x00\x06\x00\x00\x00H\x81\x01\x04\x07\x00\xFF
Zoom Tele Zoom Speed 0	\x01\x00\x00\x06\x00\x00\x00F\x81\x01\x04\x07 \xFF
Zoom Tele Zoom Speed 7	\x01\x00\x00\x06\x00\x00\x00I\x81\x01\x04\x07'\xFF
Zoom Wide Zoom Speed 0	\x01\x00\x00\x06\x00\x00\x00G\x81\x01\x04\x070\xFF
Zoom Wide Zoom Speed 7	\x01\x00\x00\x06\x00\x00\x00J\x81\x01\x04\x077\xFF

Appendix D. Update Commands(Ethernet)

Auto Focus	\x01\x10\x00\x05\x00\x00\x00K\x81\x09\x048\xFF
Backlight Mode	\x01\x10\x00\x05\x00\x00\x00L\x81\x09\x043\xFF
Information Display	\x01\x10\x00\x06\x00\x00\x00M\x81\x09~\x01\x18\xFF
Power	\x01\x10\x00\x05\x00\x00\x00N\x81\x09\x04\x00\xFF