SD Control Terminal Manual

I. Control Interface:

Control Update		
Menu Control	PTI Control	Language: English 💌
Up	Target Addr 1 ZOOM+	ZOOM- COM Parameter
Left Right Menu In	PTZ Speed 200 LEFT RIGHT FOCUS+	FOCUS-
Down Manu Out	Interval 100	BaudRate 9600 V
	Protocol DH-SD - IRIS+	IRIS- Check None
		COM OpenedClose
Camera Setting	PTZ Function Setting Preset Setting	Data Display
DZoom Open C	lose Preset No I Set Call	Receive Data
Auto Iris Open C	Cruise Setting Cruise No 0 Call Stop	
Auto Focus Open C	DWELL 3 DWELL	Clear
BLC Open C	Cruise Point 1 Add Remove All	
Auto WB Open C	Scan Setting Scan Speed 200 Speed Left Right	
R Gain Inc	Dec Scan No I V Call Stop	
B Gain Inc	Dec Auto Pan	
Brightness Inc	Dec Pan Speed 200 Speed Stop Start	Send Data
	Pattern No 1 - Begin End	
	Call Stop	Send

Figure1. SD Control Interface

- $1\,{\scriptstyle \smallsetminus}\,$ Choose a language in "Language" menu.
- 2. <u>"Comm. Parameter" menu is for setting serial port parameters.</u>

"COM": Choose a serial port.

"BaudRate": Set the same speed as on Speed Dome.

"Check" : Set the same Check method as on Speed Dome.

(For DIP switch setting details, see Speed Dome Manual)

- 3. If the selected serial port is occupied or fails to communicate, an error message will pop up. Make sure that the correct serial port is selected by clicking the "open" button.
- 4、 <u>"PTZ Control"</u>

"Target ID": Set the Speed Dome address (corresponding hard/soft address according to DIP switch setting).

"PTZ Speed": 0~255

"Interval": the interval of continuous instructions, "ms" as unit.

"Protocol": set the appropriate protocol.

L/U	UP	R/U	
LEFT		RIGHT	
L/D	DOWN	R/D	: Navigation control.
ZOOM	+	ZOOM	-
FOCUS	;+	FOCUS	-
IRIS	+	IRIS	: Zoom, Focus and Iris controls.

5、 <u>"Menu Control":</u>

"Menu In"/ "Menu Out": enter/quit menu interface.

"Enter": confirm operations.

"Up/Down/Left/Right": select orders, modify parameters.

See Speed Dome manual for operation details.

- 6. <u>"Camera Setting":</u> Camera function/parameter settings.
- 7、 <u>"PTZ Function Setting":</u> PTZ automatic functions.

"Preset Setting": 200 preset points available. "Set" / "Call": set/call a preset point. "Cruise Setting":

"Cruise No": 8 cruise paths available. "Call" / "Stop": call/stop a cruise path.

"Cruise Point": "add"/ "remove" / "remove all" points of the current cruise path.

"Scan Setting": 5 scan path available. "Call" / "Stop" a scan path.

"Scan Speed": set scan Speed.

"Left"/ "Right": set the left/right boundary of the scan path.

"Auto Pan":

"Speed": set auto pan speed.

"Stop"/ "Start": stop/start auto pan.

"Pattern Setting": 5 pattern path available.

"Begin"/ "end": begin/end pattern path record.

8. "Call"/ "Stop": start/stop a selected pattern path.

II、Update Interface:

O Control Terminal						ļ
trol Update						
Packet Informati	i on					
Packet ID:	~MNBAPPL	Image Base:	0x00010000	Frame Num:	149	
Packet Type:	Update Main Board	Frame Size:	1024	Packet Size:	152604	
CRC Check:	Packet CRC Succ	ess!		Baud Rate:	115200	
rogress:	_			larger wurt:)		
Information Send Repl Clean Send Repl Send Repl Send Repl Send Repl Send Send Send Send Send Send Send Send	1 frame 58! yr Frame 58 program succi 1 frame 59 program succi 1 frame 60 program succi 1 frame 60 program succi 1 frame 61 program succi 1 frame 62 program succi 1 frame 63! yr Frame 63 program succi 1 frame 63 program succi	ess! ess! ess! ess! ess! ess!			*	
Send Send	i frame 64! y: Frame 64 program succ l frame 65!	ess!			_	

Speed Dome Update Interface

1. Firstly, make sure that language and serial port parameters are configured correctly.

 $2_{\text{\tiny N}}$ "Baud Rate": set baud rate of the update date transmission.

- 3. Click "Brows" on the right of "Update Packet" to choose the update file. (The update file is a packaged file, released from formal channel. Otherwise, the update procedure may cause damage to speed dome and lead to paralysis.)
- 4、 "Target Addr": enter the speed dome address set by DIP switch. (See Speed Dome manual for DIP switch setting).
- 5. "Update": click to start update; "Progress": show update progress.
- Note: When updating the speed dome under normal use, make sure that hard address is used. Online update is not feasible if the speed dome use soft address. In this case, we can update it by using cold boot.