

**NVC/IPE Series**

**[TN0302E] PTZ commands list by  
camera protocols**

# WHAT'S NEW

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# 1. Commands table

A : Custom2

B : Pelco-D

C : Pelco-D (for IPE5500)

D : Panasonic (CS850)

E : Samsung

F : Pelco-P

G : American-dynamics

H : Bosch(ltc856x)

“✓” : Refer to the reference section for each protocol

Parameter		A	B	C	D	E	F	G	H
cpantiltzoommove		✓	✓	✓	✓	✓	✓	✓	✓
cpantiltmove		✓	✓	✓	✓	✓	✓	✓	✓
czoommove		✓	✓	✓	✓	✓	✓	✓	✓
cirismove					✓	✓		✓	✓
cfocusmove		✓	✓	✓	✓	✓	✓	✓	✓
apantiltmove									
apantiltzoommove		✓	✓	✓		✓		✓	
rpantiltmove									
rpantiltzoommove									
center		✓							
getcurposition		✓	✓	✓	✓				
allspeed		✓	✓	✓	✓	✓	✓	✓	✓
panspeed		✓	✓	✓	✓	✓	✓	✓	✓
tiltspeed		✓	✓	✓	✓	✓	✓	✓	✓
zoomspeed		✓	✓	✓	✓	✓	✓	✓	✓
storedevicepreset		✓	✓	✓	✓	✓	✓	✓	✓
removedevicepreset		✓	✓	✓		✓	✓		
gotodevicepreset		✓	✓	✓	✓	✓	✓	✓	
callscan		✓		✓					
calltour		✓		✓					
callpattern		✓	✓	✓			✓	✓	
startpattern				✓					
stoppattern				✓					
menu=	open	✓	✓	✓	✓	✓	✓	✓	
	close	✓	✓			✓	✓	✓	
	toggle		✓				✓		
	up	✓	✓	✓	✓	✓	✓	✓	
	down	✓	✓	✓	✓	✓	✓	✓	
	left	✓	✓	✓	✓	✓	✓	✓	
	right	✓	✓	✓	✓	✓	✓	✓	
	enter	✓		✓	✓	✓	✓		
cancel	✓		✓	✓					

stepmove=	up								
	down								
	left								
	right								
	leftup								
	rightup								
	leftdown								
	rightdown								
	irisopen	✓	✓	✓	✓	✓	✓	✓	✓
	irisclose	✓	✓	✓	✓	✓	✓	✓	✓
	focusnear								
	focusfar								
	zoomin								
	zoomout								
aux	turboon	✓							
	turbonoff	✓							
	presetmenu	✓							
	scanmenu	✓							
	tourmenu	✓							
	patternmenu	✓							
	home	✓			✓		✓		
autofocus	✓		✓						
autoiris									

## 2. Reference to protocols

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### 2.1. Custom2

#### Emulated commands :

- **menu - up, down, left, right : Not supported**  
'cpantiltzoommove,n,n,0' + 'cpantiltzoommove,0,0,0' substitute for them.

#### Input rage

Preset range: 1~319

Tour range: 1~8

Scan range: 1~8

Pattern range: 1~4

### 2.2. Pelco-D

#### Emulated commands :

- **menu - up, down, left, right : Not supported**  
'cpantiltzoommove,n,n,0' + 'cpantiltzoommove,0,0,0' substitute for them.
- **menu - open, close : Not supported**  
"toggle" command substitute for them.

#### Input rage

Preset range: 1~255 (It depends on the camera device)

Tour range: Not supported

Scan range: 1~1

Pattern range: 1~4

### 2.3. Pelco-D for IPE5500

#### Emulated commands :

- **menu - up, down, left, right : Not supported**  
'cpantiltzoommove,n,n,0' + 'cpantiltzoommove,0,0,0' substitute for them.
- **menu - enter, cancel : Not supported**  
'focusnear' and 'focusfar' substitute for them.
- **auto focus**  
0: manual, 1:auto, 2:semi-auto

#### Input rage

Preset range: 1~128 (excluding 95)

Tour range: 1~8

Scan range: 1~8

Pattern range: 1~4

## 2.4. Panasonic (CS850)

### Emulated commands :

- ***stepmove - irisopen, irisclose* : Not supported**  
'*cirismove=n*' and '*cirismove=0*' substitute for them.

### Input rage

Preset range: 1~64

Tour range: Not supported

Scan range: Not supported

Pattern range: Not supported

## 2.5. Samsung

### Emulated commands :

- ***menu -up, down, left, right* : Not supported**  
'*cpantiltzoommove,n,n,0*' and '*cpantiltzoommove,0,0,0*' substitute for them.
- ***stepmove -irisopen, irisclose* : Not supported**  
'*cirismove=n*' and '*cirismove=0*' substitute for them.

### Input rage

Preset range: 0~127

Tour range: Not supported

Scan range: 1~8

Pattern range: 1~4

## 2.6. Pelco-P

### Emulated commands :

- ***menu -up, down, left, right* : Not supported**  
'*cpantiltzoommove,n,n,0*' and '*cpantiltzoommove,0,0,0*' substitute for them.
- ***menu -open, close* : Not supported**  
'*toggle*' substitutes for them.

### Input rage

Preset range: 1~255

Tour range: Not supported

Scan range: Not supported  
Pattern range: Not supported

## 2.7. American-dynamics

### Emulated commands :

- **menu -up, down, left, right : Not supported**  
'cpantiltzoommove,n,n,0' and 'cpantiltzoommove,0,0,0' substitute for them.
- **stepmove - irisopen, irisclose : Not supported**  
'cirismove=n' and 'cirismove=0' substitute for them.

### Input rage

Preset range: 1~7  
Tour range: Not supported  
Scan range: Not supported  
Pattern range: 1~3

## 2.8. Bosch(Itc856x)

### Emulated commands :

None

### Input rage

Preset range: 0~127  
Tour range: Not supported  
Scan range: Not supported  
Pattern range: Not supported

## REVISION HISTORY

MANUAL#	DATE (M/D/Y)	COMMENTS
D1A.00	03/17/09	Created
D1A.01	06/11/09	Typo correction
01A.00	06/30/09	[Pelco-D for IPE5500] Autofocus corrected.

\*\* Refer to WHAT'S NEW page for more detailed update.