

## Features

- ◇ **10X optical zoom, 10X digital zoom**
- ◇ **0.05°/sec Pan/Tilt speed available**
- ◇ **Max 360°/sec high speed Pan/Tilt motion**
- ◇ **R CUT Day/Night function**
- ◇ **OSD menu to set speed dome functions**
- ◇ **Provide keyboard shortcuts operation**
- ◇ **Privacy zone function**
- ◇ **Compact and mini structure**



## Technology Parameter:

Model	SD3500	
CCD	1/4" Interline Transfer CCD	
Max. Pixels	811(H)×508(V) 410K NTSC	795(H)×596(V) 470K PAL
Effective Pixels	768(H)×494(V) 380K NTSC	752(H)×582(V) 440K PAL
Horizontal Res.	500 TVL(Color),570 TVL(B/W)	
S/N Ratio	50dB(AGC Off)	
Zoom	10X optical zoom, 10X digital zoom	
Focal Length	F1.8, f=3.8~38mm	
Min. Illumination	0.7Lux (Color), 0.02Lux (B/W), 50 IRE	
Day & Night	Auto / Day / Night (ICR)	
Focus	Auto / Manual / Semi-Auto	
Iris	Auto / Manual	
Shutter Speed	128X~1/120000 sec	
AGC	Normal / High / Off	
White Balance	Auto / Manual / (Red, Blue Gain Adjustable)	
BLC	Low / Middle / High / Off	
Flicker less	Selectable	
SSNR	Low / Middle / High / Off	
Pan / Tilt Range	Pan: 360°(Endless), Tilt: 180°(Auto Flip), 95°(Normal)	
Pan / Tilt Speed	Preset: 360°/sec Manual: 0.05~360°/sec(Proportional to zoom)Swing: 1~180°/sec	
Preset	127 Preset ( Label, Camera Image Setting )	
Pattern	4 Patterns, 1200 commands ( About 5 minutes)/Pattern	
Swing	8 Swing	
Group	8 Groups ( 20 actions entities per group )	
Other Functions	Auto flip, Auto parking, Power up action etc	
Communication	RS-485	
Protocol	Pelco-D, Pelco-P selectable	
Privacy Zone	4 zones	
Alarm Input	4 Inputs	
OSD	Menu / PTZ information etc	
Rated Power	MV-X10t-D: DC12V / 0.8A	
Dimension	Dome: φ115, Housing: φ147.51×41(H)mm	
Weight	About 1 Kg	
Operating Temp	-10°C to 50°C	

**Description:**

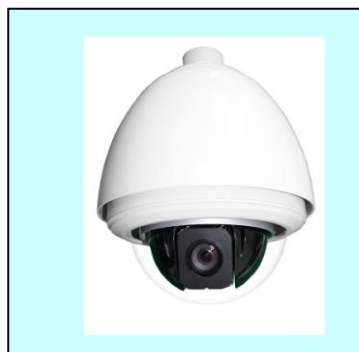
- ✧ Built in English OSD menu
- ✧ Multi- language display, like Chinese, English, Arabic
- ✧ Accurate preset, low noise design
- ✧ Aluminum alloy housings, built-in fan and heater
- ✧ Is compatible with famous-brand camera
- ✧ Focus and pan/tilt speed auto match
- ✧ 360°continuous pan, 90° tilt, no blind area
- ✧ 0.1°-280°/S horizontal shift, 0.1°-180°/S vertical shift,180°auto flip
- ✧ 128 presets, 8 sequences with 16 presets each
- ✧ Two points scanning, home position
- ✧ Internal data never lost when power is off
- ✧ Temperature:-40°C~+60°C
- ✧ 7 in and 2 out alarm
- ✧ Built in 3000V lightning protection, surge protection
- ✧ Camera with cooling fan ,lengthen camera's life

**Technology Parameter:**

<b>Model</b>	<b>SD6106</b>
<b>Power supply</b>	<b>AC24V±8V 50/60HZ</b>
<b>Power consumption</b>	<b>10W</b>
<b>Motor</b>	<b>Stepping motor</b>
<b>Preset</b>	<b>128</b>
<b>Cruising tracks</b>	<b>8</b>
<b>To preset time</b>	<b>&lt;1S</b>
<b>Pan range</b>	<b>360°</b>
<b>Tilt range</b>	<b>90°(180°/S)</b>
<b>Pan speed</b>	<b>0.1°-180°/S</b>
<b>Tilt speed</b>	<b>0.1°-120°/S</b>
<b>Preset speed</b>	<b>280°/S</b>
<b>Communication</b>	<b>RS485</b>
<b>Communication protocol</b>	<b>Pelco-P/D, Kalatel, Philips..</b>
<b>Baud rate</b>	<b>1200/2400/4800/9600 bps option</b>
<b>Working temperature</b>	<b>-40°C ~ 60°C</b>
<b>Environment humidity</b>	<b>≤90%</b>

**Description:**

- ◇ Built in OSD menu, such as Chinese and English
- ◇ Password protection, support Chinese input method
- ◇ Time auto active function
- ◇ Built in time display, edit time sheet
- ◇ 24 privacy masks(Max), zoom function
- ◇ Screen display pan and tilt's direction
- ◇ With auto scanning, various scanning, auto cruising, pattern mode and zone display function, etc.
- ◇ Humanization focus, speed auto matching
- ◇ Can monitor the camera's temperature and the fan's speed in time
- ◇ Preset speed up to 400°/S; precision up to  $\pm 0.1^\circ$
- ◇ with power line lock function
- ◇ Compass function
- ◇ Temperature:  $-40^\circ\text{C}\sim+60^\circ\text{C}$
- ◇ 7 in and 2 out alarm
- ◇ Built in 3000V lightning protection, surge protection and defense penetration function
- ◇ Camera with cooling fan, lengthen camera's life
- ◇ AMP plug make the dome installation as simple as plug and play

**Technology Parameter:**

<b>Model</b>	<b>SD3360</b>
<b>Power supply</b>	<b>AC24V<math>\pm</math>8V 50/60HZ</b>
<b>Power consumption</b>	<b>10W</b>
<b>Motor</b>	<b>Stepping motor</b>
<b>Preset</b>	<b>128</b>
<b>Cruising tracks</b>	<b>4</b>
<b>To preset time</b>	<b>360°</b>
<b>Pan range</b>	<b>90°</b>
<b>Tilt range</b>	<b>0.1°-180° /S</b>
<b>Pan speed</b>	<b>0.1°-120° /S</b>
<b>Tilt speed</b>	<b>400° /S</b>
<b>Preset speed</b>	<b>280°/S</b>
<b>Communication</b>	<b>RS485</b>
<b>Communication protocol</b>	<b>Pelco-P/D, Kalatel, Philips..</b>
<b>Baud rate</b>	<b>1200/2400/4800/9600 bps option</b>
<b>Working temperature</b>	<b>-40°C ~ 60°C</b>
<b>Environment humidity</b>	<b><math>\leq 90\%</math></b>

**Description:**

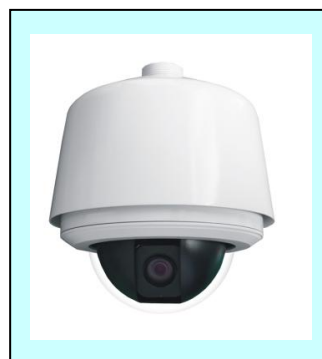
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- ◇ Multi- language display, like Chinese, English, Arabic
- ◇ Accurate preset, low noise design
- ◇ Aluminum alloy housings, built-in fan and heater
- ◇ Is compatible with famous-brand camera
- ◇ Focus and pan/tilt speed auto match
- ◇ 360°continuous pan, 90° tilt, no blind area
- ◇ 0.1°-280°/S horizontal shift, 0.1°-180°/S vertical shift,180°auto flip
- ◇ 128 presets, 8 sequences with 16 presets each
- ◇ Two points scanning, home position
- ◇ Internal data never lost when power is off
- ◇ Temperature:-40°C~+60°C
- ◇ 7 in and 2 out alarm
- ◇ Built in 3000V lightning protection, surge protection
- ◇ Camera with cooling fan, lengthen camera's life

**Technology Parameter:**

<b>Model</b>	<b>SD6306</b>
<b>Power supply</b>	<b>AC24V±8V 50/60HZ</b>
<b>Power consumption</b>	<b>10W</b>
<b>Motor</b>	<b>Stepping motor</b>
<b>Preset</b>	<b>128</b>
<b>Cruising tracks</b>	<b>8</b>
<b>To preset time</b>	<b>&lt;1S</b>
<b>Pan range</b>	<b>360°</b>
<b>Tilt range</b>	<b>90°(180°/S)</b>
<b>Pan speed</b>	<b>0.1°-180°/S</b>
<b>Tilt speed</b>	<b>0.1°-120°/S</b>
<b>Preset speed</b>	<b>280°/S</b>
<b>Communication</b>	<b>RS485</b>
<b>Communication protocol</b>	<b>Pelco-P/D, Kalatel, Philips..</b>
<b>Baud rate</b>	<b>1200/2400/4800/9600 bps option</b>
<b>Working temperature</b>	<b>-40°C ~ 60°C</b>
<b>Environment humidity</b>	<b>≤90%</b>

**Description:**

- ✧ Built in English OSD menu
- ✧ Multi- language display, like Chinese, English, Arabic
- ✧ Accurate preset, low noise design
- ✧ Aluminum alloy housings, built-in fan and heater
- ✧ Is compatible with famous-brand camera
- ✧ Focus and pan/tilt speed auto match
- ✧ 360°continuous pan, 90° tilt, no blind area
- ✧ 0.1°-280°/S horizontal shift, 0.1°-180°/S vertical shift,180°auto flip
- ✧ 128 presets, 8 sequences with 16 presets each
- ✧ Two points scanning, home position
- ✧ Internal data never lost when power is off
- ✧ Temperature:-40°C~+60°C
- ✧ 7 in and 2 out alarm
- ✧ Built in 3000V lightning protection, surge protection
- ✧ AMP plug make the dome installation as simple as plug and play

**Technology Parameter:**

<b>Model</b>	<b>SD6806</b>
<b>Power supply</b>	<b>AC24V±8V 50/60HZ</b>
<b>Power consumption</b>	<b>10W</b>
<b>Motor</b>	<b>Stepping motor</b>
<b>Preset</b>	<b>128</b>
<b>Cruising tracks</b>	<b>8</b>
<b>To preset time</b>	<b>&lt;1S</b>
<b>Pan range</b>	<b>360°</b>
<b>Tilt range</b>	<b>90°(180°/S)</b>
<b>Pan speed</b>	<b>0.1°-180°/S</b>
<b>Tilt speed</b>	<b>0.1°-120°/S</b>
<b>Preset speed</b>	<b>280°/S</b>
<b>Communication</b>	<b>RS485</b>
<b>Communication protocol</b>	<b>Pelco-P/D, Kalatel, Philips..</b>
<b>Baud rate</b>	<b>1200/2400/4800/9600 bps option</b>
<b>Working temperature</b>	<b>-40°C ~ 60°C</b>
<b>Environment humidity</b>	<b>≤90%</b>

**Description:**

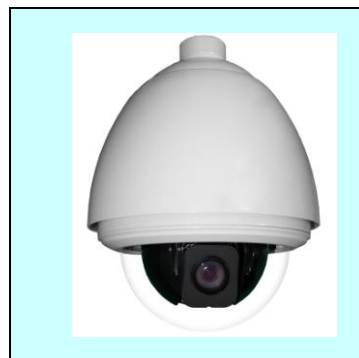
- ✧ Built in English OSD menu
- ✧ Multi- language display, like Chinese, English, Arabic
- ✧ Accurate preset, low noise design
- ✧ Aluminum alloy housings, built-in fan and heater
- ✧ Is compatible with famous-brand camera
- ✧ Focus and pan/tilt speed auto match
- ✧ 360°continuous pan, 90° tilt, no blind area
- ✧ 0.1°-280°/S horizontal shift, 0.1°-180°/S vertical shift,180°auto flip
- ✧ 128 presets, 8 sequences with 16 presets each
- ✧ Two points scanning, home position
- ✧ Internal data never lost when power is off
- ✧ Temperature:-40°C~+60°C
- ✧ 7 in and 2 out alarm
- ✧ Built in 3000V lightning protection, surge protection

**Technology Parameter:**

<b>Model</b>	<b>SD6706</b>
<b>Power supply</b>	<b>AC24V±8V 50/60HZ</b>
<b>Power consumption</b>	<b>10W</b>
<b>Motor</b>	<b>Stepping motor</b>
<b>Preset</b>	<b>128</b>
<b>Cruising tracks</b>	<b>8</b>
<b>To preset time</b>	<b>&lt;1S</b>
<b>Pan range</b>	<b>360°</b>
<b>Tilt range</b>	<b>90°(180°/S)</b>
<b>Pan speed</b>	<b>0.1°-180°/S</b>
<b>Tilt speed</b>	<b>0.1°-120°/S</b>
<b>Preset speed</b>	<b>280°/S</b>
<b>Communication</b>	<b>RS485</b>
<b>Communication protocol</b>	<b>Pelco-P/D, Kalatel, Philips..</b>
<b>Baud rate</b>	<b>1200/2400/4800/9600 bps option</b>
<b>Working temperature</b>	<b>-40°C ~ 60°C</b>
<b>Environment humidity</b>	<b>≤90%</b>

**Description:**

- ✧ Built in English OSD menu
- ✧ Multi- language display, like Chinese, English, Arabic
- ✧ Accurate preset, low noise design
- ✧ Aluminum alloy housings, built-in fan and heater
- ✧ Is compatible with famous-brand camera
- ✧ Focus and pan/tilt speed auto match
- ✧ 180°continuous pan, 90° tilt, no blind area
- ✧ 0.1°-280°/S horizontal shift, 0.1°-180°/S vertical shift,180°auto flip
- ✧ 128 presets, 8 sequences with 16 presets each
- ✧ Two points scanning, home position
- ✧ Internal data never lost when power is off
- ✧ Temperature:-40°C~+60°C
- ✧ 7 in and 2 out alarm
- ✧ Built in 3000V lightning protection, surge protection
- ✧ Camera with cooling fan ,lengthen camera's life

**Technology Parameter:**

<b>Model</b>	<b>SD6101</b>
<b>Power supply</b>	<b>AC24V±8V 50/60HZ</b>
<b>Power consumption</b>	<b>10W</b>
<b>Motor</b>	<b>Stepping motor</b>
<b>Preset</b>	<b>128</b>
<b>Cruising tracks</b>	<b>8</b>
<b>To preset time</b>	<b>&lt;1S</b>
<b>Pan range</b>	<b>360°</b>
<b>Tilt range</b>	<b>90°(180°/S)</b>
<b>Pan speed</b>	<b>0.1°-180°/S</b>
<b>Tilt speed</b>	<b>0.1°-120°/S</b>
<b>Preset speed</b>	<b>280°/S</b>
<b>Communication</b>	<b>RS485</b>
<b>Communication protocol</b>	<b>Pelco-P/D, Kalatel, Philips..</b>
<b>Baud rate</b>	<b>1200/2400/4800/9600 bps option</b>
<b>Working temperature</b>	<b>-40°C ~ 60°C</b>
<b>Environment humidity</b>	<b>≤90%</b>

**Description:**

- ✧ Built in English OSD menu
- ✧ Multi- language display, like Chinese, English, Arabic
- ✧ Accurate preset, low noise design
- ✧ Aluminum alloy housings, built-in fan and heater
- ✧ Is compatible with famous-brand camera
- ✧ Focus and pan/tilt speed auto match
- ✧ 360°continuous pan, 90° tilt, no blind area
- ✧ 0.1°-180°/S horizontal shift, 0.1°-180°/S vertical shift,180°auto flip
- ✧ 128 presets, 8 sequences with 16 presets each
- ✧ Two points scanning, home position
- ✧ Internal data never lost when power is off
- ✧ Temperature:-40°C~+60°C
- ✧ 7 in and 2 out alarm
- ✧ Built in 3000V lightning protection, surge protection
- ✧ Camera with cooling fan, lengthen camera's life

**Technology Parameter:**

<b>Model</b>	<b>SD6301</b>
<b>Power supply</b>	<b>AC24V±8V 50/60HZ</b>
<b>Power consumption</b>	<b>10W</b>
<b>Motor</b>	<b>Stepping motor</b>
<b>Preset</b>	<b>128</b>
<b>Cruising tracks</b>	<b>8</b>
<b>To preset time</b>	<b>&lt;1S</b>
<b>Pan range</b>	<b>360°</b>
<b>Tilt range</b>	<b>90°(180°/S)</b>
<b>Pan speed</b>	<b>0.1°-180°/S</b>
<b>Tilt speed</b>	<b>0.1°-120°/S</b>
<b>Preset speed</b>	<b>280°/S</b>
<b>Communication</b>	<b>RS485</b>
<b>Communication protocol</b>	<b>Pelco-P/D, Kalatel, Philips..</b>
<b>Baud rate</b>	<b>1200/2400/4800/9600 bps option</b>
<b>Working temperature</b>	<b>-40°C ~ 60°C</b>
<b>Environment humidity</b>	<b>≤90%</b>



**Description:**

- ✧ Built in English OSD menu
- ✧ Multi- language display, like Chinese, English, Arabic
- ✧ Accurate preset, low noise design
- ✧ Aluminum alloy housings, built-in fan and heater
- ✧ Is compatible with famous-brand camera
- ✧ Focus and pan/tilt speed auto match
- ✧ 180°continuous pan, 90° tilt, no blind area
- ✧ 0.1°-280°/S horizontal shift, 0.1°-180°/S vertical shift,180°auto flip
- ✧ 128 presets, 8 sequences with 16 presets each
- ✧ Two points scanning, home position
- ✧ Internal data never lost when power is off
- ✧ Temperature:-40°C~+60°C
- ✧ 7 in and 2 out alarm
- ✧ Built in 3000V lightning surge protection

**Technology Parameter:**

<b>Model</b>	<b>SD6701</b>
<b>Power supply</b>	<b>AC24V±8V 50/60HZ</b>
<b>Power consumption</b>	<b>10W</b>
<b>Motor</b>	<b>Stepping motor</b>
<b>Preset</b>	<b>128</b>
<b>Cruising tracks</b>	<b>8</b>
<b>To preset time</b>	<b>&lt;1S</b>
<b>Pan range</b>	<b>360°</b>
<b>Tilt range</b>	<b>90°(180°/S)</b>
<b>Pan speed</b>	<b>0.1°-180°/S</b>
<b>Tilt speed</b>	<b>0.1°-120°/S</b>
<b>Preset speed</b>	<b>280°/S</b>
<b>Communication</b>	<b>RS485</b>
<b>Communication protocol</b>	<b>Pelco-P/D, Kalatel, Philips..</b>
<b>Baud rate</b>	<b>1200/2400/4800/9600 bps option</b>
<b>Working temperature</b>	<b>-40°C ~ 60°C</b>
<b>Environment humidity</b>	<b>≤90%</b>

**Description:**

- ✧ Innovative auto tracking technology, can research and auto track moving targets, tracking is not interfered at manual control
- ✧ Aluminum alloy housings, built-in Fan and heater
- ✧ Adopt plug in and out camera design
- ✧ Is compatible with famous-brand camera
- ✧ Focus and pan/tilt speed auto match
- ✧ 360°continuous pan, 90°tilt, no blind area
- ✧ 0.1°-180°/S horizontal shift, 0.1°-120°/S vertical shift,180°auto flip
- ✧ 128 presets, 8 sequences with 16 presets each,
- ✧ Two points scanning, home position
- ✧ Timed auto active function, timed auto adjust preset ,cruise and panning etc
- ✧ Privacy mask function
- ✧ Internal data never lost when power is off
- ✧ Built in 3000V lightning protection, surge protection

**Technology Parameter:**

<b>Model</b>	<b>SD6108</b>
<b>Power supply</b>	<b>AC24V±8V 50/60HZ</b>
<b>Power consumption</b>	<b>15W</b>
<b>Motor</b>	<b>Stepping motor</b>
<b>Preset</b>	<b>128</b>
<b>Cruising tracks</b>	<b>4</b>
<b>To preset time</b>	<b>&lt;1S</b>
<b>Pan range</b>	<b>360°</b>
<b>Tilt range</b>	<b>90°(180°/S)</b>
<b>Pan speed</b>	<b>0.1°-180°/S</b>
<b>Tilt speed</b>	<b>0.1°-120°/S</b>
<b>Preset speed</b>	<b>400°/S</b>
<b>Communication</b>	<b>RS485</b>
<b>Communication protocol</b>	<b>Pelco-P/D, Kalatel, Philips..</b>
<b>Baud rate</b>	<b>1200/2400/4800/9600 bps option</b>
<b>Working temperature</b>	<b>-40°C ~ 60°C</b>
<b>Environment humidity</b>	<b>≤90%</b>

**Description:**

- Adopt multi-angle array LED to make sure image brightness
- View distance is up to 120M
- Low illumination, 0LUX(IR ON)
- Aluminum alloy housings, built-in fan and heater
- 360°continuous pan, 90° Tilt, no blind area
- 0.1°-180°/S horizontal shift, from +2°to -92°/ vertical shift,180°auto flip
- 128 presets, 8 sequences with 16 presets each
- Two points scanning, home position
- Timed auto active function, timed auto adjust preset ,cruise and panning etc.
- Internal data never lost when power is off
- 7 in and 2 out alarm
- Built in 3000V lightning protection, surge protection in 3000V lightning protection, surge protection and defense penetration function



**Technology Parameter:**

<b>Model</b>	<b>SR2100</b>
<b>Power supply</b>	<b>AC24V±8V 50/60HZ</b>
<b>Power consumption</b>	<b>1 0 W</b>
<b>Motor</b>	<b>Stepping motor</b>
<b>Preset</b>	<b>128</b>
<b>Cruising tracks</b>	<b>8</b>
<b>To preset time</b>	<b>&lt;1S</b>
<b>Pan range</b>	<b>360°</b>
<b>Tilt range</b>	<b>90°(180°/S)</b>
<b>Pan speed</b>	<b>0.1°-180°/S</b>
<b>Tilt speed</b>	<b>0.1°-120°/S</b>
<b>Preset speed</b>	<b>400°/S</b>
<b>Communication</b>	<b>RS485</b>
<b>Communication protocol</b>	<b>Pelco-P/D, Kalatel, Philips..</b>
<b>Baud rate</b>	<b>1200/2400/4800/9600 bps option</b>
<b>Working temperature</b>	<b>-40°C ~ 60°C</b>
<b>Environment humidity</b>	<b>≤90%</b>

### **Model Number: 210ET**

- ✧ Metal shell, computer keyboard design
- ✧ LCD English display, auto inspect function
- ✧ Joystick error correction function
- ✧ RS-485 port with 1,500W thunder proof protection,
- ✧ short circuit protection
- ✧ Monitor/camera control
- ✧ PTZ/lens/accessories control
- ✧ Home position, DVR control
- ✧ Built-in multi-protocols, compatible with equipment from 3rd party manufacturers
- ✧ Control the speed of P/T and set preset positions cruise and alarm call-up
- ✧ Real-time display the working status of decoder and matrix
- ✧ Alarm arming/alarm disarming, working situation display
- ✧ Alarm area display and keyboard buzz when alarm equipment alarms
- ✧ Eight group of administrators operation and keyboard lock function
- ✧ Surge protection and thunder proof



### **Specifications: K250ET, K250ES**

- ✧ LCD display
- ✧ English
- ✧ Monitor control: 1 to 99pcs
- ✧ Quantity of camera: 1 to 1,024pcs
- ✧ Joystick:
- ✧ 2-D left/right up/down
- ✧ 3-D left/right up/down zoom
- ✧ Lens function: iris on/off, focus near/far, and zoom wide/narrow
- ✧ Camera peripherals: wipe frost on/off rain brush on/off
- ✧ Auxiliary switch 1 on/off auxiliary switch 2 on/off
- ✧ P/T control: up/down, left/right scanning area set auto panning pattern auto cruise
- ✧ Preset position control: preset position index swatch dog
- ✧ Alarm operation: alarm arming/alarm disarming, working status display, and alarm recording
- ✧ DVR control: quantity 99pcs
- ✧ Control protocol: edit protocol according to client requirement
- ✧ Control protocol: Vinet coding protocol (choose other protocols, such as PELCO-P, PELCO-D and more)
- ✧ Communications port: RS-232
- ✧ RS-485 baud rate: 1,200/2,400/4,800/9,600bps
- ✧ Environment temperature: -10 to +50°C
- ✧ Humidity: ≤90% (no condensing)
- ✧ Power supply: 9V AC/DC
- ✧ Power consumption: 5W
- ✧ Dimension: 380 x 48 x 60mm



**Model Number: 250ET**

- ✧ Metal shell, computer keyboard design
- ✧ LCD English display
- ✧ Auto inspect function
- ✧ Joystick error correction function
- ✧ RS-485 port with 1,500W thunder proof and short-circuit protections
- ✧ Monitor/camera control
- ✧ PTZ/lens/accessories control
- ✧ Home position, DVR control
- ✧ Built-in multi-protocols, compatible with equipment from 3rd party manufacturers
- ✧ Control the speed of P/T and set preset positions cruise and alarm call-up
- ✧ Real-time display the working status of decoder and matrix
- ✧ Alarm arming/alarm disarming, working situation display
- ✧ Alarm area display and keyboard buzz when alarm equipment alarms
- ✧ Eight group of administrators operation and keyboard lock function
- ✧ Surge protection and thunder proof

