

# CHE-SPD300HD

2 Mega High PTZ Camera



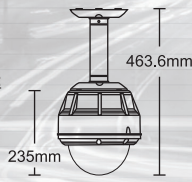
## Features

- ❖ 1/2.8 2M "Exmor" CMOS Image Sensor
- ❖ 30x Optical Zoom (12x Digital Zoom)
- ❖ CE, FCC, RoHS, KC, IP67

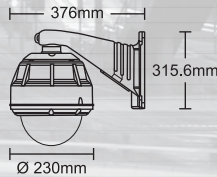


## Dimensions

**Ceiling Mount Bracket**



**Wall Mount Bracket**



Mechanical IR Cut Filter (ICR)



Control Keypad (Optional)  
WTX-1200A

## Specifications



Model	CHE-SPD300HD
Image Sensor	1/2.8 Type "Exmor" CMOS Image Sensor
Picture Elements	2,140K Pixels
Zoom	30x Optical Zoom (12x Digital Zoom)
Focal Length	F1.6~F4.7, f=4.3mm~129.0mm
Focus Position	10mm(Wide) ~ 1200mm(Tele)
Angle of View	Horizontal: 63.7°(Wide end) ~ 2.3°(Tele end)
Minimum Illumination	0.008 lux (ICR ON 1/30 sec, 50% High Sensitivity Mode ON)
S/N Ratio	50 dB (Weight On)
AE Mode	Auto / Manual / Shutter Priority / Iris Priority
Gain Control	Auto / Manual (0dB~43.1dB (0 to 28 step), Max Gain Limit (9.2 to 43.1 Db(6 to 28step)
Electronic Shutter Speed	1/1 sec to 1/10000 (22 steps)
White Balance	Auto / ATW / Indoor / Outdoor / One push / Manual (256 steps), Outdoor Auto, Sodium Vapor Lamp (Fix / Auto / Outdoor Auto)
Noise Reduction	On / Off (level 5 to 1 off, 6 steps)
Day & Night	Auto / Color / B&W
Backlight Compensation	On / Off
Defog Mode	On / Off
Color Enhancement	On / Off
Wide Dynamic Range	On / Off
Video Output	AHD(BNC Type) and CVBS(BNC Type)
Resolution	1920x1080p / 30fps, 25fps ; 1280x720p / 60fps, 50fps
Pan / Tilt Angle	PAN: 360°(Endless) / TILT: -2°~90°
Pan Speed	Manual: 0.1°~360°/sec (Zoom Proportional)
Preset Speed	Max. 400°/sec
Preset Position	256 Preset Positions
Tour	8 Groups (Max 30 Entries for each Group)
Scan	8 Scans
Pattern	8 Patterns (Approx. 2 Minutes for each Pattern)
Flip	Auto Flip (On / Off)
Communication	RS485 (2400, 4800, 9600bps(Default), 38400)
Camera ID	255
AHD Output	1920 x 1080p
OSD	On / Off
CVBS Output	720 x 480
Port	RS-485 for PTZ Control
Protocol	Bandi(STD), Pelco-D, Pelco-P
Alarm Input	4 Alarm Inputs
Alarm Output	1-Relay Out (N.O)
Certifications	CE, FCC, RoHS, KC, IP67
Power Source	AC24V 2A (DC12V 3A)
IP Rating	IP67 (Waterproof)
Fan	Built-in
Heater	4°C(39.2°F) ~ 10°C(50°F)
Operating Humidity	Up to 90% RH
Operation Temperature	-50°C~50°C (-58°F~122°F)
Dimension (mm)	Ø233 x 235(H)
Weight	Approx. 5kg w/o Bracket

\* All Specifications / colors are subject to change without notice. (V.01)