ECO SERIES
EE-IPD20
2 MP HD IP 20X PTZ Speed Dome

Our high definition 1080p30, True Day/Night, HD IP, PTZ Speed Dome, was defined by industry specialists to meet the stringent demands of today's CCTV Professional.

The newest addition to our quality line of cameras, is the **EE-IPD20** which comes with an impressive 2MP of amazing image quality on live view and playback.

Plus the added benefit of low illumination capacity with ICR auto switches that improves low light performance, resulting in higher quality images in lower light levels.
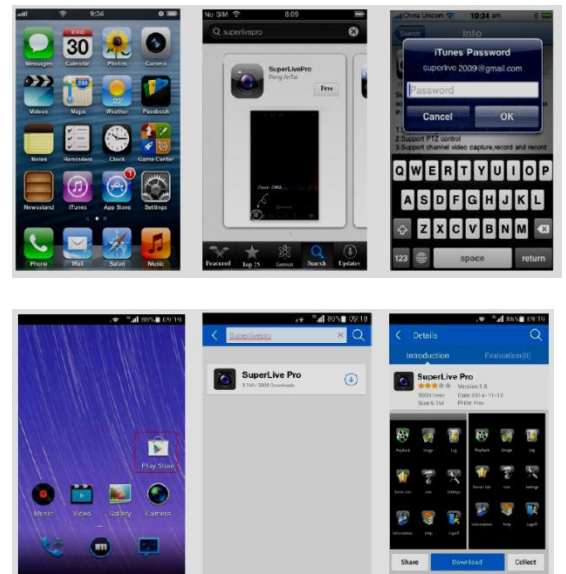
Integrated MicroSD Memory Slot facilitates local storage in the unit to safeguard crucial information in case of motion alarm.

Weather and Vandal Resistance provides our **EE-IPD20** operation in harsh environments and needed protection in high vandalism areas preserving unit investment.

Features:

- Pan / Tilt / Zoom (PTZ) Camera
- True day/night operation with automatic ICR module.
- 1/3" 2Mp HD CMOS Sensor
- 1920(H) x 1080(V) Effective Pixels
- Max. 30fps @ 1080p
- 20x Optical Zoom
- 2-way Audio
- 3D intelligent positioning
- Max. 300°/s Pan Speed & 360° Endless Pan Rotation
- Max. 200°/s Tilt Speed & Auto Flip
- 4 / 1CH (In/Out) Alarm
- Weather & Vandal Resistant, IP66 Protection
- Lightning & Surge Protection
- Auto Focus Large Field of View
- Powerful Optical Zoom Scheduled Tasks & Presets

iPhone & Android CMS Capability

ECO SERIES
EE-IPD20
2 MP HD IP 20X PTZ Speed Dome

Specifications:

Image Sensor	1/3" 2.4Mp CMOS Sensor
Effective Pixels	1920(H) x 1080(V)
Electronic Shutter	1/50-1/100,000Sec (PAL) & 1/60-1/100,000Sec (NTSC)
Lens	20x Optical Zoom (F1.6 ~ F3.5 / f = 4.7mm ~ 94 mm)
Min. Illumination	0.5Lux @ Day / 0.1Lux @ Night
Zoom Speed	Approx. 3.0s (Optical Wide Tele)
Angle of View	58° ~ 1.7° (Wide Tele)
Min. Working Distance	10mm ~ 1,500mm (Wide Tele)
Pan Range	360° Endless
Pan Speed	Manual Speed: 0.1° ~ 250°/s & Preset Speed: 300°/s
Tilt Range	-5°~ 90° (Auto Flip)
Tilt Speed	Manual Speed: 0.1° ~ 150°/s & Preset Speed: 200°/s
PTZ Mode	Patrol: 8, Trace: 4, Scan: 2, Time Task: 8
Preset	300 (DH-SD)
Recording Resolution	1920 x 1080 / 1280 x 720 / 640 x 480 / 320 x 240 / 160 x 120
Frame Rate (fps)	Max. 30fps @ 2Mp
Memory Slot	MicroSD
Remote Monitoring	IE Browsing, Central Monitoring System (CMS)
Network Interfaces	RJ45
Max User Access	Up to 6
Smart Phone	iPhone, iPad, Android, Windows Phone
OSD Menu	No
Control over Coax (CoC)	No
Automatic Gain Control (AGC)	Yes
Day-Night Switch	ICR Auto Switch / B&W / Color
Wide Dynamic Range (WDR)	No
Noise Reduction (DNR)	2D / 3D
Protocal	TCP/IP, UDP, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP
Alarm & Audio	IN x 4CHs / OUT x 1CH & 2-ways (MIC IN & OUT) Audio
Protection	IP66 & 4KV Lightning & Surge Protection
Power Supply	DC 12V / AC 24V
Power Consumption	Outdoor: Max. 20W (Heater On), Max. 12W(Heater Off) & Indoor: Max.12W
Working Environment	-22ºF ~ 149ºF (-30°C ~ 65°C)
Storage Humidity	Indoor 85% RH (Non-Condensation)
Dimension	5.4" (R) x 5" (H) (137 x 127 mm)
Weight	± 6.61lbs (3kg)

Design and specifications are subject to Change without notice.