



## 20X PoE FHD 1080P Speed Dome

FC-16W Housing

ANS520FICR-I / ANS520FICR-O

Triple  
Stream

WDR

DNR

2-way  
Audio

IP66

Digital  
Image  
Stabilizer

Embedded  
PoE

### Product Overview

Asoni introduces PTZ speed domes ANS520FICR to support FHD high resolution monitoring, which are suitable for large scale application such as airport, train station, port etc.. Full HD IP speed dome delivers excellent image quality and much better resolution than analog speed dome. Furthermore, they transmit digital video that fit in Full HD screen well without scene change. Digital image stabilizer and 12X digital zoom feature perform stabilized image.

Superb Pan/Tilt function that traveled at 400° per second, camera lens will move to critical place within a second. With 20X optical zoom, target object can be found and identified in few seconds. Asoni ANS520FICR outdoor model come with IP-66 standard housing that sustained the harsh weather condition. As well as different kinds of brackets which are designed for different surveillance installation.

### Features

- ▶ Resolution up to 1920X1080@30FPS real time
- ▶ Dual streams, FHD real time+D1 real time
- ▶ Optical Zoom: 20X
- ▶ Digital Zoom: 10X
- ▶ Ultra Wide Dynamic Range
- ▶ Onvif Compliant
- ▶ DNR
- ▶ 2-way audio
- ▶ Digital Image Stabilizer
- ▶ FC-16W Housing: IP66 water proof
- ▶ Embedded PoE

## Camera

Image sensor	1/2.8" Progressive CMOS
Effective Pixels	1920(H) x 1080(V)
Minimum	0.05 (Color); 0.01 lux (B/W) @ F1.6
Illumination	
White Balance	Auto / Indoor / Outdoor / ATW / Manual
Shutter Speed	1 ~ 1/100,000 sec.
Lens	20X optical, 4.7 ~ 94 mm F1.6
Digital Zoom	10X
Iris Control	Auto/Manual
Backlight	
Compensation	On / Off

## Operation

Multiple Languages	English / French / German / Italian / Korean / Simplified Chinese / Traditional Chinese / Russian / Spanish / Thailand
Pan Travel	360° endless
Tilt Travel	-10° ~ 190°
Manual Speed	0.5° ~ 90°/sec
Presets	256
Preset Accuracy	0.225°
Preset Speed	5° ~ 400°/sec
Sequence	8
Auto Pan	4
Cruise	8
Privacy Mask	16
Proportional Pan & Tilt	On / Off
Resume after Power loss	Yes
Home Function	Preset / Sequence / Auto Pan / Cruise
Auto Flip	Image / Mechanical / Off
Motion Detection	On / Off
Wide Dynamic Range	On / Off
Day/Night	IR Cut Filter: Auto / Manual
Digital Noise Reduction	On/Off

## Network

Interface	RJ-45, 10/100 Mbps Ethernet
Video Compression	H.264 / MJPEG
Video Streaming	Dual Full HD 1080p@25/30fps + D1@25/30fps Quad H.264*4 or H.264*3 + MJPEG
Video Resolution	Full HD 1080P / SXGA / HD 720P / XGA / SVGA / D1 / VGA / CIF
Protocol	IPv4/v6, TCP/IP, UDP, RTP, RTSP, HTTP, HTTPS, ICMP, FTP, SMTP, DHCP, PPPoE, UPnP, IGMP, SNMP, QoS, ONVIF
Alarm in/out	Yes; 4-pin of 8 Terminal Block, Pitch 3.5 mm
Security	HTTPS / IP Filter / IEEE 802.1x; user account: 20; level: user/administrator
Micro SD	microSDHC 32GB support
Event Notification	HTTP / FTP / SMTP
Audio	G.711/G.726, Two way audio
Alarm in/out	4-in/2-out
TV out	Yes; BNC 1.0 Vp-p / 75 Ω, BNC
Alarm Reaction	Preset / Sequence / Auto Pan / Cruise
Operating Temperature	Indoor: 0°C ~ 40°C (32°F ~ 104°F); Outdoor: -40°C ~ 50°C (-40°F ~ 122°F)
Humidity	10% ~ 90%, No Condensation
Dimension	Indoor: 171.7×228.71 mm (ø6.76 × 9 in.) Outdoor: 191.97×282.11 mm (7.55 × 11.1 in.) w/ Sunshield
Weight	Indoor: 1.6 kg (3.57 lb); Outdoor: 2.3 kg (5.11 lb) w/ Sunshield
Power Source	Indoor: 802.3at HPoE / AC 24V ± 10% Outdoor: PoE+ (w/o Heater) / AC 24V ± 10%

## Package List



Preliminary