

RC-HPD20VF Series

2MP 4x Analog HD Mini IR PTZ Dome

The RC-HPD20VF is a 2-megapixel HD-Over-Coax IR dome camera featuring 4x optical zoom for wide angle or long range surveillance needs. These cameras are fully compatible with video standards of HD-TVI/CVI/AHD, delivering sharp images in both bright and dark areas for maximized visibility. HD-TVI/CVI/AHD CCTV solution shows its strengths of non-compressed video quality, less storage capacity and low requirement for network bandwidth, making it ideal for video upgrading applications from standard analog video to megapixel HD analog over the existing cable infrastructure.



Typical Applications

- Commercial surveillance applications for office complexes, restaurants, hotels, and others
- Retail security systems for shopping malls, supermarkets, chain stores, and others
- intelligent campus surveillance systems for schools, colleges and other education establishments

Product Features

- 1/2.8" Low illumination CMOS sensor, 4x optical zoom
- Compatible with video standards of HD-TVI/CVI/AHD/CVBS
- Up to 2.0MP 1920(H) x 1080(V) Effective Pixels
- IR illumination up to 20 meters with 4 PCS Infrared illuminators
- 355°endless pan range and 0°- 90°tilt range with no blind monitor area
- Max. pan preset speed of 80°/s and max. tilt preset speed of 80°/s
- Pan control speed 10°~80°/s, tilt control speed 10°~80°/s
- Support 220 presets, 8 patrols, 4 patterns, AB line scan
- Operating temperature up to 60°C (140°F)
- Support TVS 3000V lightning protection, surge protection and voltage transient protection

Specifications

Camera

Image Sensor	1/2.8" Low illumination CMOS Sensor
Resolution	2 MP
Effective Pixels	1920(H) x 1080(V)
Pan range/speed	0°- 355° rotate endless; speed 0-80°/s
Tilt range and speed	0°- 90°, speed 0°- 80°
Shutter Speed	1/50 (1/60) s to 1/50,000 s
IR Illumination	Color: 0.1 Lux, B/W: 0.01 Lux, (F2)
Day/Night	IR-cut filter with auto switch
Infrared Distance	20 m
S/N Ratio	≥41dB
Preset	220
Pattern Tour	1, max 10 minutes
Cruising Track	8, each support up to 32 presets
Dome Function	Support presets, crusing tracks, auto scans, pattern tours
BLC	Support
Gain Control	Auto/Manual
DNR	2D/3D digital
White Balance	Auto/Manual
Exposure Mode	Auto/Manual

Lens

Optical Zoom	4x
Focus Length	2.8 -12mm, F1.7-F3.0
Pan View Angle	113.9°(near) - 34.1°(far)°
Focus Control	Auto, motorized

Video

Video Output	HD-TVI/CVI/AHD/CVBS
TV System	PAL/NTSC
Video Port	BNC

Environmental

Ingress protection level	IP66
IR Cut Filter	Yes
Operation Temperature	-20 °C ~ +60 °C
Storage Temperature	-20 °C ~ +60 °C
Relative humidity	95% Max
Power Supply	DC12V, 2A
Power Consumption	10W Max
Dimension	Diameter 130 x 117.4 mm
Weight	1.8KG

Dimensions

