High Resolution 360° Network Camera

Excellent clear view in 360° wide long range

Best & first in the World

12 Mega Pixel

NUD360-F

This camera has no blind spot

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H.264

12.4 Mega High Resolution

Partial enlargement (80m ahead) Monitoring with high resolution all the way around far



180° x2 panorama view

NUD360-F realized a true 360° camera

- Built-in 12.4 Mega pixel color CMOS Sensor (SONY)
- Newly designed ultra high resolution fish-eye lens performs high image quality in the fringe area
 - a long range surveillance in 360-degree all around view
 - Reduce number of cameras, system cost
- No focusing is required speedy work and high durability (75,000H)
- Network connectable Central remote controlling
- IP66 IK10 Dust & Water proof dome housing

The best camera for urban surveillance system connectable to NTT DATA' s New IoT platform "ANYSENSE®" E-mail : anysense_sales@kits.nttdata.co.jp

A leading company for 360° camera





short. (5,000H) High magnification directional camera needs to use multiple number of cameras to watch all around, this

NUD360-F solves faults of the conventional surveillance camera.

Swing type 360° camera The direction where the camera does not face becomes a blind spot. A life of mechanical movement is

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spends extra costs for equipment, system, construction and monitoring labor.

Corporation

Specification

Model: NUD360-F

Camera		Audio	
Image Sensor	1/1.7" Progressive Scan CMOS	Compression	8 KHz, Mono, PCM, 16 bit encoding; G.711
Effective Pixels	4072 × 3046(V) (12.4 M) pixels	Audio In/Out	Connect to Terminal Block
Minimum Illumination	Color: 0.1 lux (30 IRE、2400°K), B/W: 0 lux (IR LED ON)	Network	
Day/Night	Yes, Mechanical IR cut filter		TCP, UDP, HTTP, HTTPS, DHCP, PPPoE, RTP, RTSP, IPv4, IPv6,
Color to B/W switch	On/Off/Auto	Protocol & Service	DNS, DDNS, NTP, ICMP, ARP, IGMP, SMTP, FTP, UP n P, SNMP,
IR LED	850 nm X 18		Bonjour, Sony VISCA, Pelco D, Pelco P
	Working distance: 20 m (0 lux, 30 IRE, gain 255, auto shutter mode)	Ethernet Port	Ethernet (10/100BASE-T), RJ-45 connector
Electronic Shutter	1/5~1/10,000 sec (auto), 1/5~1/2,000 sec (manual)	Security	IP address filtering, HTTPS encryption, Password protected user levels
S/N Ratio	56 dB		IEEE802.1X network access control, Anonymous Login
LENS		Alarm	
Lens Type	Fish-eye Lens (stereographic projection type)	Alarm Trigger	Video motion detection (10 regions), External device through digital input
Focal Length/Aperture	f=1.44 mm/F1.8	Interface	
Viewing Angle	Horizontal: 180, Vertical: 180°	Profile	ONVIF
Iris / Focus	fixed	Digital Input	2, Terminal block
Video		Digital Output	2, Terminal block
Compression	H.264、M-JPEG	Local Storage	MicroSDHC/MicroSDXC memory card slot (card not included)
View Mode	Fisheye view, Dewarped view; 180°/360°Panorama, ePTZ	General	
	18 fps/4000x3000, 10 fps/4096x2160, 10 fps/3840x2160	Power Source	PoE (class 3, IEEE802.3af) / 8.2 W
Max. Frame rate	30 fps/2048x2048, 30 fps/1600x1200, 30 fps/1920x1080	Weight	approx. 1.98 Kg
vs. Resolution	30 fps/1024x1024, 30 fps/1280x960, 30 fps/1280x720	Dimensions	φ152 x 110 (H) mm (excluding Screwing part)
	30 fps/800x600, 30 fps/640x480	Mount Type	Wall, Ceiling, Ground, Corner etc…
Multi-Streaming	Simultaneous 3 streams (based on Video configuration)	Operating Temperature	-20~+50℃
Bit Rate	Constant, Variable (128 Kbps~12 Mbps/Stream)	operating remperature	10~85% (no condense)
Privacy Mask	Enable/Disable, Max. 8 configurable regions	Storage Temperature	-40~+60℃
Image Enhancement	WDR (130 dB), White balance (auto, manual)		10~95% (no condense)
	Brightness, Contrast, Sharpness (auto), AGC	Environmental Casing	Dust/Water-proof IP66, IK10
	Digital noise reduction, Flickerless, Defogging	Firmware Access Browser	Microsoft® Internet Explorer® 8.0/9.0/10.0/11.0
Text Overlay (OSD)	Yes	Applicable OS	Microsoft® Windows® 7, 8, 8.1, 10
Image Orientation	Flip, Mirror	Approvals	CE(EN 55022 Class B, EN 55024), FCC(Part15 Subpart B Class B)
Built-in Analytics	Line Cross, Enter Area, Missing Object, Unattended Object etc.		IP66, IK10
			Specifications are subject of change without any notice. Rev.16

- Effective even if installing in an airport building, factory or high ceiling building. Although other companies fisheye cameras can see a moving line of persons, NUD360-F can watch hands of workers.
- Since NUD360-F can watch 360° all around in the distance with sufficient resolution, you can reduce the number of cameras and load of the system. In case of other cameras need to be placed every 30m, NUD360-F is with 100m intervals.
- ◎ Because resolution is high, partial expansion is possible in a considerable amplification.
- Because NUD360-F can distinguish the No. plate of the car of 10m ahead, it is effective for the traffic control at intersections.
- © NUD360-F is full of various intelligent functions.

Example of usage

- Large store, factory, warehouse, airport, wide area
- O Border security
- O Urban security system

