



FD2000-1/2/3

Specs

Model	FD2000-1/2/3
Application Environment	
indoor / outdoor	indoor
day / night control	No
camera feature	
sensor	1/2.7" CMOS sensor
min. illumination	Color : 0.1 Lux
pan range	-25~+25°
tilt range	30~90°
lens type	Fixed lens
F/no	FD2000-1: F1.8 FD2000-2: F1.6 FD2000-3: F1.6
focal length	FD2000-1: f = 2.8 mm FD2000-2: f = 3.6 mm FD2000-3: f = 6 mm

angle of view	FD2000-1: D: 127° H: 111° V:62° FD2000-2: D: 107° H: 92° V:51° FD2000-3: D: 65° H: 56° V:46°
network	
protocol	TCP/IP (IPv4/IPv6), HTTP, HTTPS, UPnP, SMTP, FTP, DHCP, NTP, DDNS, PPPoE, Samba, QoS, SNMP
Ethernet	10/100 Base-T with RJ45 connector
ONVIF	V2.X (Profile S), conformance test V12.06
security	Password protection, IP address filtering, HTTPS encrypted data transmission, QoS/DSCP
users	up to 10 users simultaneously
event	
profiles	32 sets
trigger	Alarm Interval, Motion Detection Region, Tampering Detection, Cross Line Detection, Suspicious Object Detection, Digital Input, SD Card, Network
action	Trigger: Digital Output, Alarm Audio Send out video clip: FTP, NAS, SD card Send out snapshot / log: FTP, NAS, SD card, mail
video	
Compression	H.264/MPEG-4/MJPEG
Max. resolution	1920 x 1080
Frame rate	1920 x 1080 @ 30fps
H.264/MPEG-4 bit rate mode	VBR, 5 levels CBR, 64/128/512/768Kbps & 1/2/3/4/6/8/10/12Mbps
MJPEG quality	5 levels
Regional of Interest	yes
Smart Stream	yes, 5 windows

Image orientation	mirror, flip
Motion Detection zones	3
Privacy mask areas	3
BLC	yes
D-WDR	yes
De-noise	2D/3D
ePTZ	yes
audio	
Encoder	G.711 (μ-law)/G.726 (bit rate 16K~64bps) /AAC audio compression
Streaming	2-ways audio
Microphone	Build-in MIC
interface	
Digital input/output	1/1
BNC Video output	N/A
Built-in storage option	Micro SDHC & SDXC card (64GB max.)
External microphone input	N/A
Built-in microphone	yes
External Audio output	yes
general	
power supply	DC 12V/POE
DC power consumption	TBD
PoE	PoE Class 2 (IEEE802.3af)
PoE power consumption	TBD

dimensions	Ø: 108mm x 50 mm
net weight	200g
temperature and humidity	Operating: 0°C ~ 50°C 90%RH Storage: -20°C ~ 60°C 85%RH
software	
OS	Windows® XP / 7 / 8
browser	Microsoft IE 8.0 or above
NXU Lite SW supported languages (UI)	English / Arabic / Bulgarian / Czech / Danish / Dutch / Finnish / French / German / Greek / Hebrew / Hungarian / Italian / Japanese / Norwegian / Polish / Portuguese / Romanian / Russian / Simplified Chinese / Slovak / Spanish / Swedish / Thai / Traditional Chinese / Turkish
Camera Web GUI supported languages	English / French / German / Italian / Japanese / Polish / Portuguese / Russian / Spanish / Traditional Chinese
firmware remote upgrade	yes (via HTTP)
VMS software	NXU Lite (free up to 32CH)