

Network Video Recorder "PixelMASTER" 4K / 8MP Series



PIXEL MASTER

Features:

- Supports H.265/H.264 codec
- Up to 4K display
- HDMI and VGA Video Output
- Up to Max. 4K recording - Up to 8MP (Depend on IP Camera)
- Supports Various IP Camera by ONVIF
- Supports VA - Various Video Analytics function
- Supports P2P - Direct connection without network setup by QR-code scan
- Monitoring for fan failure and temperature
- HDD failure notification (S.M.A.R.T)
- Remote viewer : PC & web based remote agent, smartphone application

SPECIFICATION



NR-16F82-16P-AE

VIDEO	INPUT SIGNAL	16 x IP Camera (Max 8MP)
	MAIN MONITOR	VGA / HD Display
	MAIN MONITOR RESOLUTION	4k/30p / 1080p / 720p / SXGA
	SPOT	1
AUDIO	INPUT SIGNAL	16CH (From IP Cam) / 1 (LINE/MIC)
	OUTPUT SIGNAL	1CH
	CODEC	G.711
RECORDING	CODEC	H.264 (BP,MP,HP) / H.265
	REC. RATE	MAX. 25 FPS@8MP/CH (Depend on IP Camera)
	REC. RESOLUTION	MAX. 8MP (Depend on IP Camera)
ALARM I/O	ALARM INPUT	16 CH (IP) (Depend on IP Camera) / 8 IN
	ALARM OUT	16 CH (IP) (Depend on IP Camera) + 1 RELAY (Internal)
STORAGE	INTERNAL HDD	2EA (SATA)
	EXTERNAL STORAGE	-
	INTERNAL ODD	-
INTERFACE	USB	2 Ports / v2.0
	RS-485	1
	RS-232	-
	LAN	16 (IP Camera, POE) + 2 Giga (WAN/LAN)
	REMOTE CONTROL	Yes
ETC	WATCHDOG	Yes
	COOLING FAN	1EA
POWER	POWER SUPPLY	SMPS 51V 200W
	POWER CONSUMPTION	11W without HDD
	Power Budget for IPCAM	180W
ENVIROMENT	TEMPERATURE / HUMINITY	0°C ~ 40°C / 10 ~ 90% NC
CHASSIS	DIMENSION (mm)	1U 380(W) x 314.6(D) x 44(H)
	NET WEIGHT(kg)	TBD
	GROSS WEIGHT(kg)	TBD
CERTIFICATION	CERTIFICATION	FCC, CE, KC
MONITORING	DISPLAY RATE	Up to 480fps/400fps (Realtime)
	DISPLAY RESOLUTION	2160p / 1080p / 720p / SXGA
	DISPLAY MODE	1, 4, 6, 8, 9, 16
	SEQUENCE	Programmable Sequence
	DIGITAL ZOOM	Yes
	COVERT	Yes
	CAMERA COLOR CONTROL	Yes (CONTRAST, HUE, TINY, BRIGHTNESS) (Depend on IP Camera)

SPECIFICATION



NR-16F82-16P-AE

RECORD	SCHEDULE METHOD	DAILY/WEEKLY EACH HOUR
	PROGRAMMABLE FOR CH	Yes
	MANUAL RECORDING	Yes
	EVENT RECORDING	Yes
	PRE-EVENT RECORDING	0/1/2/3/4/5/10/15 SEC
	PANIC RECORDING	Yes
SEARCH & PLAYBACK	PLAYBACK RATE	Up to 480FPS
	PLAYBACK SPEED	x1, x2, x4, x16, x32, x64
	SEARCH TYPE	CALENDER / EVENT / TIME / TUHMBNAIL / BOOKMARK
ARCHIVING	ARCHIVING DEVICES	USB Memory, FTP
	REMOTE ARCHIVING	Yes (WEB RA, VMS, FTP)
	SNAPSHOT ARCHIVING	Yes
	DATA RESERVING	Yes
	RESERVED DATA LIST MANAGEMENT	Yes
	BACKUP DATA FORMAT	AVI, RAW
	WATERMARK	Yes
	WATERMARK VARIFICATION	Yes
	ARCHIVED DATA PLAYBACK	Yes
NETWORK	MAX. CONNECTIONS	32 USERS
	DHCP / DDNS	Yes
	TRANSMISSTION RATE	MAX 480 fps (Depend on IP Camera)
	BANDWIDTH CONTROL	Yes
	WEB BROWER ACCESS	Yes
	REMOTE FUCTION	REMOTE MONITORING / PLAYBACK / ARCHIVING / SETUP / PTZ CONTROL / HEALTH CHECK
	VMS SUPPORT	Yes
	ONVIF CAMERA SUPPORT	Yes (Profile-S)
	TWO-WAY AUDIO	Yes
	PC BASED REMOTE AGENT	Yes
	SMART PHONE APPLICATION	Yes (iPhone, iPad, Android)
	WEB BASED REMOTE AGENT	Yes
	SDK	Yes (HTTP BASED SDK, PC Codec Library)
	AUTO ROUTER PORT FORWARDING	Yes
	DUAL STREAMING	Yes
	FTP CLIENT	Yes (For ARCHIVING)
	E-MAIL	Yes (SMTP CLIENT)
AUTHORITY CONTROL	ADMIN / MANAGER / USER	
PROTOCOLS	WS-Discovery, RTP, RTSP, RTCP, S MTP, NTP, HTTP, FTP, DDNS, DHCP, uPNP (Router Port Forwarding), HTTPS, SSL	

SPECIFICATION



		NR-16F82-16P-AE
EVENT	TYPE	VIDEO LOSS EVENT / EVENT NOTIFICATION / EVENT POPUP / MOTION DETECTION / MOTION SENSOR AREA
ETC	LANGUAGE	MULTI-LANGUAGE
	KEYBOARD CONTROLLER	Yes
	DST SETUP	Yes
	DISK TEMPERATURE CHECK	Yes
	DISK S.M.A.R.T CHECK	Yes (DEPEND ON HDD SPEC)
	AUTO DISK RECOVERY	Yes
	F/W UPGRADE	Yes (USB / NETWORK)
	SETUP IMPORT/EXPORT	Yes



Subject to technical changes and errors. 012021 v1.01

CBC (Europe) GmbH
Fritz-Vomfeldestr. 6
D-40547 Düsseldorf
T: +49-(0)211 53 06 70
F: +49-(0)211 53 06 71 80
info@cbc-europe.com
www.cbc-europe.com

CBC (Poland) Sp.z.o.o
Oddział w Warszawie
ul. Anny German 12
PL-01-794 Warsaw
T: +48-(0)22 6 33 90 90
F: +48-(0)22 6 33 90 60
info@cbcpoland.pl
www.cbcpoland.pl

CBC Russia Moscow Rep. office
Office 503B World Trade Center
12 Krasnopresnenskaya nab.
RU-123610 Moscow
T: +7-495 258 2161
F: +7-495 258 2160
info@cbc.ru
www.cbc.ru

CBC EUROPE S.r.l.
Via Umberto I, 69
I-20814 - VAREDO (MB)
T: +39-0362 36 50 79
F: +39-0362 4 00 12
info@cbceurope.it
www.cbceurope.it

CBC (EUROPE) GmbH UK Branch
Churchill House, Suite 81
137-139 Brent Street
London NW4 4DJ UK
T: +44-(0)20 8457 2618
info@cbcuk.com
www.cbc-europe.com