

# KOBI K20 Series Platinum DVR

- ◆ 16CH H.264 DVRs.
- ◆ Native HD 1080p Display Resolution.
- ◆ Supports HD Output (1920x1080)
- ◆ Real-time Recording Speed up to 480/400fps @ D1 (Full D1 Recording)
- ◆ Powerful Search Mode (Calendar, Timeline, Event and Multi-hour Search).
- ◆ Smart Phone Application with Search Feature.
- ◆ Compatible with I-phone, Blackberry, Nokia, Samsung, Android.
- ◆ Flexible Network Supported (Static IP, DHCP, DDNS).
- ◆ Independent Channel Resolution, Quality and FPS Settings.
- ◆ Dual Streaming 480/400fps @ CIF.
- ◆ 10Mbps / 100Mbps / 1000Mbps Adaptive Ethernet Interface
- ◆ CSM Supports Webbrowser, Mac and Windows.
- ◆ 4 Digital Spot Outputs with POS Support.
- ◆ External Storage Supported.

Smart Phone Application



## SEARCH



## ARCHIVING



## RECORDING



# SPECIFICATION

## Model

**Triplex Function**  
**Video Compression**  
**Live Display Speed**  
**Recording Speed(main stream)**  
**Sub Stream (for Network)**  
**Video Input / LOOP out**  
**Video Output**  
**Spot-out**  
**Screen Division**  
**Live**  
**Playback**  
**Audio In/Out**  
**Alarm In/Out**  
**Storage**  
**Archive**  
**USB Port /PTZ & Keyboard**  
**System Control**  
**Network**  
**Network Speed**  
**Power**  
**Operating Temperature**  
**Dimention (mm)/Weight (kgs)**  
**Remote S/W**  
**Mobile S/W**

## 16CH DVR

Simultaneous Live/Record/Network  
H.264 Codec  
480/400fps  
480/400 fps @ D1 (Full D1 recording)  
480/400 fps@ CIF  
16CH(BNC) / 16CH(BNC)  
HD MAX(1920X1080P) / 1 VGA(1920X1080) / 1 Composite(BNC)  
4 (BNC)  
1,4,6,8,9,16,SEQ  
1,4,9,16  
4 Line in(RCA) / 1 Line out(RCA), 16ch audio (optional)  
16 +2 In / 16 digital + 4 relay Out  
Up to 4 SATA HDD's(2TB) + 1 ODD  
USB Device(HDD, DVD, Thumb Drive), CD/DVD-RW, FTP & Network  
2 Front + 1 Rear / RS-485 / RS-232  
USB Mouse, Front button, Remote controller & Keyboard controller  
LAN (TCP/IP Ethernet, RJ45), DHCP, Static IP, DDNS  
RJ45 10M/100M/1000M Adaptive Ethernet Interface  
SMPS, MAX.200W, 100~240VAC, 50~60Hz  
0℃ ~ 40℃ / 20 ~ 80% RH  
430 X 460 X 88(H), 2U CASE / 10KG  
CMS support, Web Browser(MAC,WINDOW)  
Smart Phone support (Iphone, Blackberry, Nokia, Android)

## MAIN FEATURES

### LIVE DISPLAY

**OSD**  
**Border Color/Digitla Zoom**

On/Off  
Selectable / Up to 4X

### SEARCH

**Calendar/Event Search**

Search by time / Search by event

### PLAYBACK

**Multi Playback**  
**Playback Speed**  
**Audio play**

Up to 16 ch Simultaneous Playback  
Variable Playback(Max.64x)  
Synchronized with Video

### SYSTEM

**Video Covert**  
**PTZ**  
**Motion Area Setting**  
**Time Synchronization**  
**User Authority**  
**System Reliability**  
**Firmware Upgrade**  
**Configuration Export & Import**  
**S.M.A.R.T. Alarm**

Individual Camera covering on Live & Playback mode.  
Supported most of PTZ protocol, Preset up to 255  
Adjustable GRID(16X16), 10 Steps Sensitivity Level  
Manual Time Sync. By NTP server  
Assignable different Authority Level for each User.  
Watch-Dog, Auto-Recovery after power Failure  
Via USB device  
configuration export to other DVR via USB  
Auto-Detect & monitoring the HDD's problem

### RECORD

**Resolution / Quality control**  
**Recording Schedule**  
**Panic Record**  
**Pre/Post recording**

By each camera for different resolution setting(CIF/2CIF/D1) / 5 Levels (Low/Standard/High/Highest/Super)  
By hour, by day, by recording mode, By alarm, By Ch  
Emergency recording mode with predefined recording configuration  
Max. 5 seconds / Max. 180 seconds

### ARCHIVE

**Archive Device / Format**  
**Bookmark Archiving**

CD/DVD/USB device , AVI File/Bakup Player  
Supported

### NETWORK

**Support Type**  
**Bandwidth limit**  
**Net Client & Web Server Port**  
**E-mail notification**  
**Two-Way Audio**

Dual Stream,Static IP,DHCP,DDNS  
56kbyte ~ 8192Kbyte per sec, or user defined(Max. 8192Kbyte)  
Programmable by User  
E-mail to users for EVENT notify  
Communication with RemoteSW(WEB RA)

### Others

**Watermark**

Watermarked Video & Audio for security

**\*\* Specifications are subject to change without prior notice.**

