# ULTRA HIGH DEFINITION
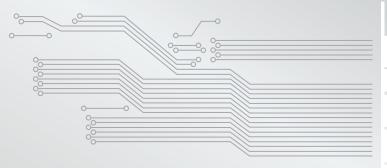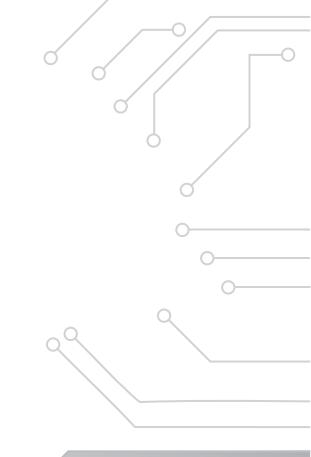## ANTI VANDAL CAMERA

# VP-NC8832D-F3IRB2
## 4K RESOLUTION FLUSH MOUNT CAMERA



## FEATURES

4K resolution surveillance camera with 1/2" progressive scan CMOS sensor

180° wide angle lens for a greater area coverage

Supports integration with external illuminators for clear image under low ambient lighting

Flush mount design for vandal resistant installation suitable for critical environments

Rugged 304 grade stainless steel enclosure for impact protection maximum up to 60 tons

## VP-NC8832D-F3IRB2

| Parameter | Specifications |
|---|---|
| Image Sensor | 1/2" CMOS |
| Scanning Mode | Progressive scan |
| Minimum Illumination | Color: 0.0001 Lux @ F1.14, B/W: 0 Lux (IR LED on) |
| Resolution | Maximum 10000 x 4096 effective pixels |
| Lens Type | Fixed 180° field of view wide angle lens |
| Iris Control | DC |
| Electronic Shutter Speed | 1s to 1/100,000s (anti-flicker) |
| Day & Night Switch | IR cut filter switch auto adaptable to ambient illumination |
| Angular Field of View | 180° (Horizontal) |
| Night Vision Source | Infrared & external LED |
| External Illumination | Integrated external LED illuminators |
| Auto Exposure | Supported |
| Video Compression | H.265/H.264<br>H.265: Main Profile<br>H.264: Baseline Profile, Main Profile, High Profile |
| Video Bit Rate | 32 Kbps to 8 Mbps |
| Bit Rate Control | Variable and Constant bit rate supported |
| Signal to Noise Ratio | ≥ 65 dB |
| Simultaneous Live View | Up to 25 channels |
| User/Host | Up to 40 users, 3 user levels: administrator, operator, and user |
| Image Stabilization Settings | Brightness, contrast, hue saturation, sharpness, color balance adjustable by camera web interface or CMS client |
| WDR | 140 dB |
| System Protocols | TCP/IP, ICMP, DHCP, DNS, HTTP, RTP, RTSP, NTP, IGMP, IPv6, UDP, QoS, FTP, SMTP |
| System Compatibility | Onvif Profile S, G, T supported |
| Plug & Play Integration | Proprietary protocol supports auto configuration of device |
| Security | HTTPS encryption, 802.1X authentication (EAP-MD5), WSSE and digest authentication for Open Network Video Interface, RTP/RTSP over HTTPS |
| Web Browser | IE 10, IE 11, Chrome 57.0+, Firefox 52.0+ |
| Power Supply | DC 12V |
| Power Consumption | DC 12 V: 1A, max. 12 W |
| Installation Type | Flush mount design for Vandal Resistant Installation suitable for Prison application |
| Surface Exposure | 5mm |
| Enclosure | Rugged enclosure in 304 grade stainless steel to withstand harsh environments |
| Ingress Protection | IP68 weather proof |
| Vandal Resistance Rating | IK10 |
| Operating Conditions | -42 °C to 72 °C, Humidity 95% or less (non-condensing) |
| Dimension | Ø 70mm × 30 mm |
| Weight | 0.8kg |
| Certifications | BIS, CE, FCC and ROHS |

*Exact products and specifications shown may vary by geographic region and are subject to change without notice. Product image, weights and measurements are approximate and may vary due to customized solutions & products being offered as per customer requirements.